

106 Congresso Nazionale SIF 2020

Report of Contributions

Contribution ID: **681**

Type: **not specified**

Il rivelatore CGEM-IT di BESIII: Primi studi dai dati dei raggi cosmici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LAVEZZI, Lia

Contribution ID: **682**

Type: **not specified**

Spectroscopy on neutron-rich nuclei towards ^{78}Ni: Results from LICORNE.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ISKRA, lukasz

Contribution ID: **683**

Type: **not specified**

Evidence of direct ternary decay in four reactions at Coulomb barrier energies.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VARDACI, Emanuele

Contribution ID: **684**

Type: **not specified**

Ricerca del decadimento $\tau \rightarrow 3 \mu$ nell'esperimento CMS a LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ARUTA, Caterina

Contribution ID: **685**

Type: **not specified**

Upgrade del sistema a muoni dell'esperimento CMS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: STAMERRA, Anna

Contribution ID: 686

Type: **not specified**

**Investigating the transition probability incongruity
along the N=28 neutron shell closure via direct
transfer reaction on Ar^{46} .**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BRUGNARA, Daniele

Contribution ID: **687**

Type: **not specified**

3D tomography of the nucleon: Transverse-momentum-dependent gluon distributions.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CELIBERTO, Francesco Giovanni

Contribution ID: **688**

Type: **not specified**

Studio della risoluzione temporale ad alto rate di fotorivelatori multianodo in regime di singolo fotone.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAPELLI, S.

Contribution ID: **689**

Type: **not specified**

Tecnologia e progettazione del sistema di raffreddamento per la fase 2 del tracciatore dell'esperimento CMS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TURRIONI, Cristiano

Contribution ID: 690

Type: **not specified**

Misura della violazione di CP nel decadimento di $\mathbf{B}_{s}^{0} \rightarrow J/\psi \phi$ in CMS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LUSIANI, E.

Contribution ID: 691

Type: **not specified**

Prestazioni dei rivelatori a tripla GEM per la prima stazione del sistema a muoni dell'esperimento CMS misurate da raggi cosmici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SIMONE, Federica

Contribution ID: **692**

Type: **not specified**

Simulazione e elaborazione di segnali nei Veto di PADME.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LONG, E.

Contribution ID: **693**

Type: **not specified**

Studi per un generatore di eventi multifotonico per PADME.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIACCHINO, F.

Contribution ID: **694**

Type: **not specified**

Ricerca di nuova Fisica attraverso lo studio di eventi multileptonici a PADME.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARTELLI

Contribution ID: 695

Type: **not specified**

Isospin Symmetry breaking in Zn^{60} .

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GOSTA, G.

Contribution ID: **696**

Type: **not specified**

Smart caching a CMS: Verso un modello basato su AI.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TEDESCHI, Tommaso

Contribution ID: 697

Type: **not specified**

**Studio della reazione $\text{He}^3(n,p)\text{H}^3$
attraverso il metodo indiretto del Trojan Horse alle
energie di interesse astrofisico.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SPAMPINATO, C.

Contribution ID: 698

Type: **not specified**

High-precision spectroscopy of ^{65}Ni via neutron capture.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PORZIO, C.

Contribution ID: **699**

Type: **not specified**

Precision timing with the CMS MTD barrel timing layer for HL-LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TRAMONTANO, R.

Contribution ID: 700

Type: **not specified**

Search for trijet resonances in the unexplored boosted dijet final state.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: QUARANTA, C.

Contribution ID: 701

Type: **not specified**

Stato dell'apparato FRAISE dei LNS-INFN e della relativa strumentazione di diagnostica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARTORANA, Nunzia Simona

Contribution ID: 702

Type: **not specified**

$\mathbb{e}^{\mathbb{p}\mathbb{m}}$ and $\mathbb{\mu}^{\mathbb{p}\mathbb{m}}$ counting using absorbers for the LEMMA project.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CASABURO, F.

Contribution ID: 703

Type: **not specified**

Charged triple Gauge couplings at present and future colliders.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GUERRIERI, giovanni

Contribution ID: **704**

Type: **not specified**

Monte Carlo Tuning in CMS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SORRENTINO, G.

Contribution ID: 705

Type: **not specified**

Low Lying States in Ni^{72} .

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ANGELINI, Filippo

Contribution ID: 706

Type: **not specified**

**Misure di polarizzazione e fase relativa tra le
ampiezze di decadimento del mesone $\psi(2S)$
in barioni.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MANGONI, Alessio

Contribution ID: 707

Type: **not specified**

Sviluppo di un rivelatore Cherenkov per il timing di particelle cariche con risoluzione temporale dell'ordine del picosecondo.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GARAU, Michela

Contribution ID: 708

Type: **not specified**

Ricerca di un nuovo bosone vettoriale W' interagente con quark della terza famiglia in stati finali leptonici con il rivelatore CMS a LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PICCINELLI, Andrea

Contribution ID: 709

Type: **not specified**

Il progetto NArCoS: Test di setup con SiPD e SiPM.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PAGANO, Emanuele V.

Contribution ID: 710

Type: **not specified**

Investigation of N and C isotopes with the AGATA+PARIS+VAMOS setup.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZILIANI, Sara

Contribution ID: 711

Type: **not specified**

Caratterizzazione di sensori al silicio 3D innovativi con geometria a trench mediante un sistema laser con precisione temporale inferiore al picosecondo.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LAMPIS, andrea

Contribution ID: 712

Type: **not specified**

Measurements of the CKM matrix elements in single top events at CMS with machine learning techniques.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: D'AMANTE, VALERIA

Contribution ID: 713

Type: **not specified**

Search for a singly-produced vector like quark t at CMS with machine learning techniques.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FRANCESCO, Carnevali

Contribution ID: 714

Type: **not specified**

Study of central exclusive production of top quark-antiquark pairs at LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PISANO, Matteo

Contribution ID: 715

Type: **not specified**

**Studio di decadimenti α in Hf naturale
utilizzando un cristallo scintillatore di
 Cs_2HfCl_6 .**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CARACCIOLO, Vincenzo

Contribution ID: 716

Type: **not specified**

Lifetime measurements in the ground-state band of $\text{\chem{^{114}Pd}}$.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GAMBA, Eugenio

Contribution ID: 717

Type: **not specified**

Aggiornamento sulle misure degli stati XYZ presso l'esperimento BESIII.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCODEGGIO, Marco

Contribution ID: 718

Type: **not specified**

**Prima misura diretta della risonanza a 395 keV della
reazione $\text{^{22}Ne}(\alpha, \gamma)\text{^{26}Mg}$ a
LUNA.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MASHA, Eliana

Contribution ID: 719

Type: **not specified**

A Phase 2 trigger study on $\tau \rightarrow 3\mu$ channel with GEM detectors in CMS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CALZAFERRI, Simone

Contribution ID: 720

Type: **not specified**

Lifetime measurement of 2^{+}_{2} and 3^{+}_{1} states of ^{20}O via DSAM technique.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZANON, Irene

Contribution ID: 721

Type: **not specified**

Testing Pauli exclusion principle for electrons at the LNGS underground laboratory.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE PAOLIS, Luca

Contribution ID: 722

Type: **not specified**

Classical and quantum machine learning polarization discrimination in vector boson scattering.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GROSSI, Michele

Contribution ID: 723

Type: **not specified**

PREFER (Polarization Research for Fusion Experiments and Reactors) dalla fisica nucleare polarizzata al combustibile per la fusione nucleare.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CIULLO, Giuseppe

Contribution ID: 724

Type: **not specified**

Lifetime Measurements in Sn^{105} .

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PASQUALATO, Giorgia

Contribution ID: 725

Type: **not specified**

First in-beam test for the GAL-TRACE innovative silicon detector array.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAPRA, Stefano

Contribution ID: 726

Type: **not specified**

Calibration and performance assessment of the drift chamber adopted in the FOOT experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DONG, Yunsheng

Contribution ID: 728

Type: **not specified**

Heavy-flavour production as a new channel for the investigation of BFKL dynamics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FUCILLA, Michael

Contribution ID: 729

Type: **not specified**

Mini-MALTA for future experiments.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CHIARA, Aimè

Contribution ID: 730

Type: **not specified**

The SHiP experiment at CERN.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CICERO, Valentina

Contribution ID: 731

Type: **not specified**

DESPEC phase-0 campaign at GSI-FAIR.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: POLETTINI, Marta

Contribution ID: 732

Type: **not specified**

The upgrade and performance of the LHCb RICH detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FRANZOSO, Edoardo

Contribution ID: 733

Type: **not specified**

**Pixel Chamber: A solid state bubble chamber for
measurements of charm and beauty with
unprecedented precision.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MULLIRI, Alice

Contribution ID: 734

Type: **not specified**

Thickness and uniformity characterization of NUMEN first target prototypes.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAPIROSSI, Vittoria

Contribution ID: 735

Type: **not specified**

$\text{chem}^{\{12\}\text{C}(\text{p } \gamma)^{\{13\}\text{N}}$ at LUNA.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SKOWRONSKI, Jakub

Contribution ID: 736

Type: **not specified**

Development of an algorithm for the optimization of measuments with the beta-decay station of SPES.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BARA, Silvia

Contribution ID: 737

Type: **not specified**

Phenomenology of combined resummation for Higgs boson production.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RABEMANANJARA, Tanjona R.

Contribution ID: 738

Type: **not specified**

Selezione automatizzata delle osservabili dei jet di particelle per le analisi dati negli esperimenti di fisica delle alte energie.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI LUCA, Andrea

Contribution ID: 739

Type: **not specified**

Probing the role of collective and intrinsic degrees of freedom in high-energy fission with inverse kinematics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MANTOVANI, Giorgia

Contribution ID: 740

Type: **not specified**

Can \overline{MS} parton distributions be negative?

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CANDIDO, Alessandro

Contribution ID: 741

Type: **not specified**

The cosmic ray tagger of the SBN far detector at Fermilab.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: POPPI, Francesco

Contribution ID: 742

Type: **not specified**

Beta-decay spectroscopy of very neutron-deficient nuclei at RIKEN.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ORRIGO, Sonja

Contribution ID: 743

Type: **not specified**

Studies of a K^- single nucleon absorption processes by AMADEUS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SKURZOK, Magdalena

Contribution ID: 744

Type: **not specified**

PDFflow: Hardware accelerating parton density access.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARCO, Rossi

Contribution ID: 745

Type: **not specified**

Fragmentation measurements with the emulsion spectrometer of the FOOT experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GALATI, Giuliana

Contribution ID: 746

Type: **not specified**

Cluster finding in tempo reale su FPGA per il rivelatore di vertice di LHCb-Upgrade.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIAMBASTIANI, Luca

Contribution ID: 747

Type: **not specified**

Initial state interaction study for the $\text{^{20}Ne} + \text{^{76}Ge}$ nuclear reactions at 306 MeV.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SPATAFORA, Alessandro

Contribution ID: 748

Type: **not specified**

Isospin Symmetry in the fp-shell mirror nuclei.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PIGLIAPOCO, Sara

Contribution ID: 749

Type: **not specified**

HCAL-J: hadron calorimeter for the study of nucleon form factors at Jefferson Lab.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BRIO, Vanessa

Contribution ID: 750

Type: **not specified**

Simulations of triple-GEM tracker's response for experiments at Jefferson Lab.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BRIO, Vanessa

Contribution ID: 751

Type: **not specified**

Modelization of multiple scattering effects for the MUonE experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PILATO, Riccardo Nunzio

Contribution ID: 752

Type: **not specified**

Study of the $^{20}\text{Ne}(p, \gamma)^{21}\text{Na}$ reaction at astrophysical energies.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COMPAGNUCCI, Alessandro

Contribution ID: 753

Type: **not specified**

Investigating the low-energy K^- multi-nucleon absorption processes with AMADEUS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DEL GRANDE, Raffaele

Contribution ID: 754

Type: **not specified**

Measurement of (anti-)\chem{^{\{3\}}He} absorption cross-section with ALICE.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LARIONOV, Pavel

Contribution ID: 755

Type: **not specified**

VH(\mth{\b\bar{b}}) measurements: results and main limitations.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FRATTARI, Guglielmo

Contribution ID: 756

Type: **not specified**

Muon monitoring in the ENUBET narrow-band neutrino beam.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MEAZZA, Luca

Contribution ID: 757

Type: **not specified**

Ricerca di particelle supersimmetriche prodotte per interazione elettrodebole presso l'esperimento ATLAS ad LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BALLABENE, Eric

Contribution ID: 758

Type: **not specified**

The FARCOS frontend electronics: Status and perspectives.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GUAZZONI, Chiara

Contribution ID: 759

Type: **not specified**

Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: AURICCHIO, Silvia

Contribution ID: 760

Type: **not specified**

Misure con i rivelatori CHIMERA e FARCOS sul decadimento γ dello stato di Hoyle e di altri livelli eccitati del ^{12}C .

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIUSEPPE, cardella

Contribution ID: 761

Type: **not specified**

Identificazione di jet da Beam Induced Background tramite tecniche di image vision con l'esperimento ATLAS a LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LONGARINI, Iacopo

Contribution ID: 762

Type: **not specified**

Gaussian process regression for estimation of theory uncertainties.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: URTASUN, Jesus

Contribution ID: 763

Type: **not specified**

Study of nucleon-transfer in $\text{^{18}O} + \text{^{76}Se}$ collision at 270 MeV in the context of the NUMEN project.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CIRALDO, Irene

Contribution ID: 764

Type: **not specified**

Measurement of the charm-mixing parameter γ_{CP} .

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAPRIOTTI, Lorenzo

Contribution ID: 765

Type: **not specified**

A Truth Tagging Flavour algorithm based on GNN techniques.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LOIACONO, Eleonora

Contribution ID: 766

Type: **not specified**

Studi di produzione di coppie di bosoni di Higgs in diversi canali di decadimento usando i dati del Run-2 con il rivelatore ATLAS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: D'AMICO, Valerio

Contribution ID: 767

Type: **not specified**

Towards a computer vision particle flow.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LORENZO, Santi

Contribution ID: 768

Type: **not specified**

Search for direct CP violation in neutral charm mesons decays.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MACCOLINI, Serena

Contribution ID: 769

Type: **not specified**

New field cage for the ND280 detector in T2K experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CICERCHIA, Magda

Contribution ID: 770

Type: **not specified**

Misura dei parametri di violazione della simmetria CP nei decadimenti $B^0_s \rightarrow J/\psi K^+ K^-$ e $B^0_s \rightarrow J/\psi \pi^+ \pi^-$ a LHCb.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MUZZETTO, Piera

Contribution ID: 771

Type: **not specified**

Status of the Muon g-2 experiment at Fermilab.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BOTTALICO, Elia

Contribution ID: 772

Type: **not specified**

The laser calibration system of the muon g-2 experiment at Fermilab.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIROTTI, Paolo

Contribution ID: 773

Type: **not specified**

The muon precession measurement of the Muon $g-2$ experiment at Fermilab.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SORBARA, Matteo

Contribution ID: 774

Type: **not specified**

Measurement of CP violation in charmless charged two-body $B_{(s)}$ -meson decays at LHCb.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MANUZZI, Daniele

Contribution ID: 775

Type: **not specified**

Parton distributions beyond the experimental domain.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: STEGEMAN, Roy

Contribution ID: 776

Type: **not specified**

Validazione delle schede anodiche dei rivelatori micromegas a strip resistive per le New Small Wheels dell'esperimento ATLAS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAMERLINGO, Maria Teresa

Contribution ID: 777

Type: **not specified**

Using γ -rays to disentangle fusion-fission and fuasi-fission near the Coulomb barrier: A test of principle in the fusion-fission and quasi-elastic channels.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VARDACI, Emanuele

Contribution ID: 778

Type: **not specified**

Measurement of the half-life of metastable level of $\text{^{239}Pu}$.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BARRESI, Andrea

Contribution ID: 779

Type: **not specified**

Una stima aggiornata della sensibilit\`a dell'esperimento Mu2e alla violazione del numero leptonico carico.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE FELICE, Giovanni

Contribution ID: 780

Type: **not specified**

Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PIAZZA, Federica

Contribution ID: **781**

Type: **not specified**

Muon losses in the Muon g-2 experiment at Fermilab.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GALATI, Maria Domenica

Contribution ID: 782

Type: **not specified**

Prima misura diretta del fattore di forma magnetico di Sachs del neutrone.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MEZZADRI, Giulio

Contribution ID: 783

Type: **not specified**

Status of the installation and commissioning of the new GE1/1 station for the CMS experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FALLAVOLLITA, Francesco

Contribution ID: 784

Type: **not specified**

Analysis and reconstruction techniques to improve VHbb measurements.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI BELLO, Francesco Armando

Contribution ID: 785

Type: **not specified**

The role of evaporation channel in the study of the fission dynamics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI NITTO, Antonio

Contribution ID: 786

Type: **not specified**

Monte Carlo simulations of the MAGNEX magnetic spectrometer for high rate heavy ion detection for the NUMEN project.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BRISCHETTO, Giuseppe Antonio

Contribution ID: 787

Type: **not specified**

Ricostruzione di tracce nucleari in rivelatori a target attivo con il metodo RANSAC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DOMENICHETTI, Lorenzo

Contribution ID: 788

Type: **not specified**

The magnetic spectrometer of the FOOT experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RIDOLFI, Riccardo

Contribution ID: 789

Type: **not specified**

**Ricerca di produzione di coppie di squarks top e
Materia Oscura in stati finali con due leptoni con i
dati raccolti dall'esperimento ATLAS durante il Run 2
di LHC.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GRAVILLI, Francesco Giuseppe

Contribution ID: 790

Type: **not specified**

A gamma-ray imaging camera for ambient radioactivity detection.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ALTOMARE, Corrado

Contribution ID: 791

Type: **not specified**

Systematic error of E989 due to beam dynamics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COTROZZI, Lorenzo

Contribution ID: 792

Type: **not specified**

Studio delle performance del rivelatore RPC con nuove miscele gassose eco-friendly.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PROTO, Giorgia

Contribution ID: 793

Type: **not specified**

Caratterizzazione di moduli con sensori 3D e readout RD53A per ATLAS ITk Pixel.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VANNOLI, Leonardo

Contribution ID: 794

Type: **not specified**

High activity gas recovery system in SPES project.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ALLEGRINI, Maria Luisa

Contribution ID: 795

Type: **not specified**

Progettazione della camera di scattering dell'esperimento NUMEN.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SARTIRANA, Diego

Contribution ID: 796

Type: **not specified**

Il Fast Timing MPGD: Sviluppo di un rivelatore resistivo a micro-pattern ad alta risoluzione temporale per esperimenti ai futuri acceleratori e diagnostica medica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PELLECCIA, Antonello

Contribution ID: 797

Type: **not specified**

Misure di Optical Emission Spectroscopy su plasmi di idrogeno e argon ad alta risoluzione.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAZZAGLIA, Maria

Contribution ID: 798

Type: **not specified**

**High resolution X-ray Imaging as a powerful
diagnostics tool to investigate in-plasma nuclear
 β -decays.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: NASELLI, Eugenia

Contribution ID: 799

Type: **not specified**

uRANIA: A μ -RWELL based thermal neutron detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIOVANNETTI, Matteo

Contribution ID: **800**

Type: **not specified**

Azimuthal correlations of D mesons with charged particles in pp collisions at 13 TeV with the Alice detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PALASCIANO, Antonio

Contribution ID: **801**

Type: **not specified**

Probing Dark Matter through Machine Learning in the search for invisible decays of a Higgs boson produced in association with a photon through vector boson fusion in ATLAS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SABETTA, Luigi

Contribution ID: **802**

Type: **not specified**

ME0 project for the Triple-GEM upgrade of the CMS muon spectrometer upgrade: Design preliminary performance and R&D perspective.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FIORINA, Davide

Contribution ID: 803

Type: **not specified**

**Towards a higher radiation hardness of
semiconductor detectors: identification of nuclear
fragments in heavy ion collisions exploiting silicon
carbide detectors.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CIAMPI, Caterina

Contribution ID: **804**

Type: **not specified**

Studio di opacit\`a in plasmi simili a compact binary ejecta.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PIDATELLA, Angelo

Contribution ID: **805**

Type: **not specified**

Mu2e Online DAQ and Slow Control interface.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIOIOSA, Antonio

Contribution ID: **806**

Type: **not specified**

Influence of fast emissions and statistical de-excitation on the isospin transport ratio.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAMAIANI, Alberto

Contribution ID: **807**

Type: **not specified**

KY electroproduction at CLAS12.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LANZA, Lucilla

Contribution ID: **808**

Type: **not specified**

SiPM.based detection module for gamma spectroscopy and imaging with embedded machine learning.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BUONANNO, Luca

Contribution ID: **809**

Type: **not specified**

Effetti di clustering nella reazione $\text{Li} + p \rightarrow \text{He} + \alpha$ alle basse energie e il problema dello screening elettronico.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PERROTTA, Salvatore Simone

Contribution ID: **810**

Type: **not specified**

Studio sulla calibrazione e sulle performance delle New Small Wheels dell'esperimento ATLAS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CARNESALE, Maria

Contribution ID: **811**

Type: **not specified**

Study of charmless decay $\{B \rightarrow \eta' K\}$ at Belle II.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FIORONI, Valeria

Contribution ID: **812**

Type: **not specified**

First measurements on charmless B decays at Belle II.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RAIZ, Sebastiano

Contribution ID: **813**

Type: **not specified**

Studio del processo di frammentazione di quark polarizzati con il modello stringa+3P0.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: KERBIZI, Albi

Contribution ID: **814**

Type: **not specified**

Ultimi sviluppi sui rivelatori veloci al silicio UFSD.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MILANESIO, Matteo

Contribution ID: **815**

Type: **not specified**

Developments in MPGD-based photon detection for RICH application in view of the future EIC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: D'AGO, Daniele

Contribution ID: **816**

Type: **not specified**

First results and prospects for dark sector searches at Belle II.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAMPAJOLA, Marcello

Contribution ID: **817**

Type: **not specified**

Produzione di barioni con quark charm all'esperimento ALICE a LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FAGGIN, Mattia

Contribution ID: **818**

Type: **not specified**

**Misura della sezione d'urto $\text{^{235}U}(n, f)$
relativa alla diffusione elastica n-p fino ad 1 GeV ad
n_TOF.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MANNA, Alice

Contribution ID: 819

Type: **not specified**

**Misura delle sezioni d'urto di cattura neutronica
 $\text{Gd}(n, \gamma)$ fra 10^{-2} e
 10^6 eV alla facility sperimentale n_TOF.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GUGLIELMELLI, Antonio

Contribution ID: **820**

Type: **not specified**

Lepton flavour violating searches in τ decays at Belle II.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARTINI, Alberto

Contribution ID: **821**

Type: **not specified**

Azimuthal asymmetries in unpolarized Semi-Inclusive Deep Inelastic Scattering at COMPASS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MORETTI, Andrea

Contribution ID: **822**

Type: **not specified**

Di-hadron studies in the CLAS12 Spectrometer.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SOTO, Orlando

Contribution ID: 823

Type: **not specified**

Misura della sezione d'urto $\text{^{140}Ce}(n, \gamma)$ ad energie astrofisiche a n_TOF.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: AMADUCCI, Simone

Contribution ID: 824

Type: **not specified**

Misura della sezione d'urto $\text{\chem{^{235}U(n f)}}$ fra 10 e 30 keV a n_TOF.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COSENTINO, Luigi

Contribution ID: 825

Type: **not specified**

Neutron capture and total cross measurements on $^{94,95,96}\text{Mo}$ at n_TOF and GELINA.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RICCARDO, Mucciola

Contribution ID: 826

Type: **not specified**

Measurement of the impact parameter resolution of the ATLAS experiment at LHC with 2016-2018 data.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAGLIOCCA, Chiara

Contribution ID: 827

Type: **not specified**

**Misure di sezione d'urto di scattering inelastico per
le reazioni $\text{Ni}^{68, 70, 72}(p, p')$ ad energie
intermedie.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCOMPARIN, Luca

Contribution ID: **828**

Type: **not specified**

The COMPASS++/AMBER program for p-bar production cross-sections measurements.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIORDANO, Davide

Contribution ID: **829**

Type: **not specified**

Study of Higgs couplings measurements at muon collider.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BUONINCONTRI, Laura

Contribution ID: **830**

Type: **not specified**

Search for production of an invisible dark photon in π^0 decays.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FIORENZA, Renato

Contribution ID: 831

Type: **not specified**

$\mathcal{N}=2$ AdS4 supergravity holography and ward identities.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CERCHIAI, Bianca Letizia

Contribution ID: **832**

Type: **not specified**

SoC-based trigger-less data acquisition for multichannel detectors.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VALINOTI, Bruno

Contribution ID: **833**

Type: **not specified**

The CERN n_TOF facility.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MILAZZO, Paolo Maria

Contribution ID: **834**

Type: **not specified**

Measurement of light (anti-)nuclei production with ALICE.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BALBINO, Alessandro

Contribution ID: 835

Type: **not specified**

Produzione di D^{*+} in collisioni pp con ALICE a $\sqrt{s} = 13$ TeV in LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIACALONE, Marco

Contribution ID: **836**

Type: **not specified**

Measurement of quarkonium polarization in Pb-Pb collisions at the LHC with ALICE.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MICHELETTI, Luca

Contribution ID: 837

Type: **not specified**

Hunting hypertritons in heavy ion collisions with the ALICE experiment using a machine learning approach.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FECCHIO, Pietro

Contribution ID: **838**

Type: **not specified**

Studio delle anisotropie azimutali del charm con l'esperimento ALICE a LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TROGOLO, Stefano

Contribution ID: **839**

Type: **not specified**

Electroweak bosons production in heavy-ion collisions with ALICE.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VALLE, Nicolò

Contribution ID: **840**

Type: **not specified**

Measurements of hadronic resonance production with ALICE.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ROSANO, Antonina

Contribution ID: **841**

Type: **not specified**

Hybrid equation of state approach in binary neutron-star merger simulations.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FIGURA, A.

Contribution ID: 842

Type: **not specified**

Direct measurement of $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction towards its s-process Gamow peak.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CSEDREKI, Laszlo

Contribution ID: **843**

Type: **not specified**

Influenza dell'ambiente sulla vita media del Be^{7} .

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SANTONASTASO, Claudio

Contribution ID: 844

Type: **not specified**

**ANISOTROPIC ion CSD in ECRIS - from mapping
 K_{α} emissions to β -decay rates
in PANDORA.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MISHRA, Bharat

Contribution ID: **845**

Type: **not specified**

An overview of results and achievements with the new FARCOS multidetector

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE FILIPPO, Enrico

Contribution ID: **846**

Type: **not specified**

Evidence of superfluidity in a supersolid under rotation.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BIAGIONI, Giulio

Contribution ID: **847**

Type: **not specified**

Metal halide perovskite thin films by radio-frequency magnetron sputtering.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FALSINI, Naomi

Contribution ID: 848

Type: **not specified**

Intra-chain and inter-chain magnetic phases in {Cr}_{3}{As}_{3}-K-based materials.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CUONO, Giuseppe

Contribution ID: **849**

Type: **not specified**

Measurement of multipole phases in optics and electron microscopy by means of conformal transformations.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RUFFATO, Gianluca

Contribution ID: **850**

Type: **not specified**

Spettroscopia ellissometrica di film fotocromici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARINI, Anna

Contribution ID: **851**

Type: **not specified**

Position locking of a resonant gain assisted metallic/dielectric nano-shell in an optical tweezers.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: POLIMENO, Paolo

Contribution ID: 852

Type: **not specified**

Exchange enhancement of electron-phonon interactions in rhomboedral graphene.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ROMANIN, Davide

Contribution ID: 853

Type: **not specified**

Spin-orbitronics at a topological insulator-semiconductor interface.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARCHIONNI, Adele

Contribution ID: 854

Type: **not specified**

Variable angle spectroscopic ellipsometry characterization of turbostratic CVD-grown bilayer and trilayer graphene.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: POLITANO, G.

Contribution ID: 855

Type: **not specified**

Investigation of novel kinetic energy functionals applied to nanoparticles.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: URSO, V.

Contribution ID: 856

Type: **not specified**

The hydrogen dynamics in biphenyl probed by enhanced deep inelastic neutron scattering.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ULPANI, P.

Contribution ID: 857

Type: **not specified**

Towards a Th-229 nuclear clock: Measurements of the bandgap of ThF_4 by electron spectroscopy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CACIUFFO, Roberto

Contribution ID: 858

Type: **not specified**

Nanophotonics and electronics for bright single-photon sources based on color centers in diamond.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: AGIO, Mario

Contribution ID: **859**

Type: **not specified**

Capillary surfers: Self-propelling particles at an oscillating fluid interface.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PUCCI, Giuseppe

Contribution ID: **860**

Type: **not specified**

Plasmon vortex-modes generation in the near-field region: Role of the rotational symmetry breaking of the nanostructures.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TRIOLO, Claudia

Contribution ID: **861**

Type: **not specified**

**Structure and defects of electrospun
 Fe_2O_3 nanofibers ALD-coated with
 SiO_2 .**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PATANØ«, Salvatore

Contribution ID: 862

Type: **not specified**

Photocatalytic response of laser ablated N-TiO_{2-x} nanocolloids.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GALLO, Giovanni

Contribution ID: **863**

Type: **not specified**

Resonant control of Kelvin-Helmholtz modes of arbitrary wavenumber by rotating electric fields in magnetized nonneutral plasmas.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PANZERI, Nicola

Contribution ID: **864**

Type: **not specified**

Silicon nano wires on SOI substrates obtained by dewetting processes.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BARRI, Chiara

Contribution ID: **865**

Type: **not specified**

A first-principles study of the switching mechanism in GeTe/InSbTe superlattices.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DANIELE, Dragoni

Contribution ID: **866**

Type: **not specified**

Monolayer doping of germanium.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SGARBOSSA, Francesco

Contribution ID: **867**

Type: **not specified**

The role of surfactants on the speed and shape of confined droplets flowing in circular microchannel.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FERRARO, Davide

Contribution ID: **868**

Type: **not specified**

First-principles study of electromigration in the metallic liquid state of GeTe and Sb_2Te_3 phase-change compounds.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COBELLI, Matteo

Contribution ID: **869**

Type: **not specified**

Nanofabrication of silicon metasurfaces for third harmonic generation.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FAGIANI, Luca

Contribution ID: 870

Type: **not specified**

Effects of screening on high-energy phonon branches in $\text{NdBa}_2\text{Cu}_3\text{O}_{6+x}$

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARTINELLI, Leonardo

Contribution ID: **871**

Type: **not specified**

Doubly resonant AlGaAs photonic crystal cavity.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZANOTTI, Simone

Contribution ID: 872

Type: **not specified**

High-Sensitivity Flexible Perovskite X-ray Detectors Printed by low-toxic solvent.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CIAVATTI, Andrea

Contribution ID: 873

Type: **not specified**

Insulator-to-metal transition in Te hyperdoped silicon: first principles simulations vs. experiments

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DEBERNARDI, Alberto

Contribution ID: 874

Type: **not specified**

Ordered porphyrin arrays on Fe(001): An enabling technology for future spintronics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ALBANI, Guglielmo

Contribution ID: 875

Type: **not specified**

Energy-selective neutron transmission for molecular spectroscopy and catalysis.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ROMANELLI, Giovanni

Contribution ID: 876

Type: **not specified**

Molecular dynamics simulations at the interface of single-wall carbon nanotubes and medium density polyethylene composites.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PRIORIELLO, Anna

Contribution ID: 877

Type: **not specified**

Spin polarimetry with graphene-based free-standing magnetic membranes

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: NESSI, Luca

Contribution ID: 878

Type: **not specified**

A comprehensive study of electrochemical intercalation in HOPG with HClO_4 and H_2SO_4 electrolytes by photoemission spectroscopy and atomic force microscopy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CALLONI, Alberto

Contribution ID: 879

Type: **not specified**

**Elusive central-atom dependence in the adsorption
of M-tetra-phenyl porphyrin molecules on
 Fe(001) - $\text{p}(1 \times 1)\text{O}$.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FRATESI, Guido

Contribution ID: **880**

Type: **not specified**

n-type heavy doping of Ge by Sb deposition and pulsed laser melting.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CHIARA, Carraro

Contribution ID: **881**

Type: **not specified**

Tuning spin-charge interconversion with quantum confinement in ultrathin bismuth films.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BOTTEGONI, federico

Contribution ID: **882**

Type: **not specified**

Observation of interlayer hole transfer in transition metal dichalcogenide heterostructures.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: POLICHT, Veronica

Contribution ID: **883**

Type: **not specified**

The beneficial impact of surface oxidation on electrochemical reactions with GaSe nanosheets

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: D'OLIMPIO, Gianluca

Contribution ID: **884**

Type: **not specified**

Sospensioni colloidali per la conversione del calore di scarto in energia elettrica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CHIOLERIO, A.

Contribution ID: **885**

Type: **not specified**

Deuterium principal hugoniot by coupled electron-ion Monte Carlo: Revisited results.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RUGGERI, Michele

Contribution ID: **886**

Type: **not specified**

A unified approach to enhanced sampling.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: INVERNIZZI, Michele

Contribution ID: **887**

Type: **not specified**

Thermometric calibration of the ultrafast relaxation dynamics in plasmonic Au nanoparticles

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FERRERA, Marzia

Contribution ID: **888**

Type: **not specified**

Danno da irradiazione elettronica sul tungsteno e sua caratterizzazione mediante spettroscopia di annichilamento positronico.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VADRUCCI, monia

Contribution ID: **889**

Type: **not specified**

Enhancing the photoluminescence efficiency of CVD-grown MoS₂ via defect engineering.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE LUCA, Oreste

Contribution ID: **890**

Type: **not specified**

Study of fickian yet non gaussian diffusion in a stochastic optical field.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CIARLO, Antonio

Contribution ID: 891

Type: **not specified**

Ultrafast dichroism via photoinduced symmetry-breaking in plasmonic metasurfaces.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DELLA VALLE, Giuseppe

Contribution ID: 892

Type: **not specified**

Dual nature of the spin relaxation mechanism in layered hybrid perovskites

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAMARGO, Franco V. A.

Contribution ID: 893

Type: **not specified**

**Integration of lead-free piezoelectric
 $\text{K}_x\text{Na}_{1-x}\text{NbO}_3$ on silicon for
microactuator technology applications.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GROPPPI, Chiara

Contribution ID: **894**

Type: **not specified**

Enhanced photon-pair generation in nonlinear metasurfaces through bound states in the continuum.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAZZANTI, Andrea

Contribution ID: 895

Type: **not specified**

Bubbles' formation in van der Waals crystals: A platform for fundamental studies.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BLUNDO, Elena

Contribution ID: 896

Type: **not specified**

**Growth mechanism and thermal stability of a
MoS_{2}-graphene interface: A
high-resolution core-level photoelectron
spectroscopy study.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LOI, Federico

Contribution ID: 897

Type: **not specified**

\chem{Ni_{2}C} formation at the graphene/Ni(111) interface: First-principles investigation.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PERESSI, Maria

Contribution ID: 898

Type: **not specified**

Characterization of graphene nanoribbons inside single walled carbon nanotubes.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MILOTTI, Valeria

Contribution ID: 899

Type: **not specified**

**Magnetic fields and afterglows of BdHNe: Inferences
from GRB 130427A, GRB 160509A, GRB 160625B,
GRB 180728A and GRB 190114C.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RUFFINI, Remo

Contribution ID: **900**

Type: **not specified**

A deep insight into the XENONnT Neutron Veto and its PMTs.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MANCUSO, Andrea

Contribution ID: **901**

Type: **not specified**

On the inner engine of the high-energy (GeV) emission of gamma-ray bursts.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RUEDA HERNANDEZ, Jorge Armando

Contribution ID: **902**

Type: **not specified**

La ricerca sperimentale delle onde gravitazionali con segnali multimessenger.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MODESTINO, Giuseppina

Contribution ID: 903

Type: **not specified**

Misura della frazione isotopica di ^{10}Be nei raggi cosmici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CERNETTI, Cinzia

Contribution ID: **904**

Type: **not specified**

The correct value of H_0 with a motionless Local Group in the decelerating Hubble Flow.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LORENZI, Luciano

Contribution ID: **906**

Type: **not specified**

Ricerca del decadimento doppio β senza neutrini con calorimetri criogenici in CUPID.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RESSA, Alberto

Contribution ID: **907**

Type: **not specified**

Distribuzione energetica e variabilit a del vento solare misurato con gli spettrometri elettrostatici dell'orbiter lunare Chang'e-1.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RICHELLI, Pietro

Contribution ID: **908**

Type: **not specified**

Search for neutrinoless double beta decay with scintillating bolometers.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CELI, E.

Contribution ID: **909**

Type: **not specified**

Calibrazione in flusso per lo spettrografo a infrarossi dell'esperimento Euclid.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RISSO, ilaria

Contribution ID: **910**

Type: **not specified**

The XENON Dark Matter Project: latest XENON1T results and XENONnT projections.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI GANGI, Pietro

Contribution ID: **911**

Type: **not specified**

The Darkside-20k veto detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ROSSI, matteo

Contribution ID: 912

Type: **not specified**

Analisi e implementazione di effetti strumentali nelle simulazioni spettroscopiche per la missione Euclid.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PAGANIN, Luca

Contribution ID: 913

Type: **not specified**

Misura della risposta anisotropa di un cristallo scintillatore ZnWO_4 .

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CARACCIOLO, Vincenzo

Contribution ID: **914**

Type: **not specified**

X-ray polarimetry of young supernova remnants.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FERRAZZOLI, Riccardo

Contribution ID: **915**

Type: **not specified**

A wider eye into the gamma ray Sky at the TeV.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DORO, Michele

Contribution ID: **916**

Type: **not specified**

Design of a polarimetric instrument for high energy sources.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FERRO, Matteo

Contribution ID: **917**

Type: **not specified**

Cross correlazione fra vuoti cosmici ed effetto lente gravitazionale debole nel survey Euclid.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BONICI, marco

Contribution ID: **918**

Type: **not specified**

JUNO-TAO neutrino flux measurements and the oscillated spectrum at the far reactor.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARRONE, antonio

Contribution ID: **919**

Type: **not specified**

The eclipses of Betelgeuse.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SIGISMONDI, Costantino

Contribution ID: **920**

Type: **not specified**

A theory of type-II minimally modified gravity.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE FELICE, Antonio

Contribution ID: 921

Type: **not specified**

Caratterizzazione della radioattivit a intrinseca di uno scintillatore di LYSO e sensibilit a attesa per il rivelatore di HEPD-02 ai Gamma-Ray-Burst.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PERCIBALLI, Stefania

Contribution ID: 922

Type: **not specified**

Caratterizzazione dell'elettronica di front-end del calorimetro HEPD-02 della missione CSES-Limadou.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MESE, Marco

Contribution ID: 923

Type: **not specified**

Relativistic Jets and accretion discs as probes of Relativistic Thermodynamics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ANTONUCCIO-DELOGU, V.

Contribution ID: 924

Type: **not specified**

Characterizing the spectral energy distribution of blazars neutrino candidates.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VIALE, Ilaria

Contribution ID: 925

Type: **not specified**

New scaling relations to study SN 1987A-like objects.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PUMO, Maria Letizia

Contribution ID: 926

Type: **not specified**

Small-scale magnetic reconnection during flux emergence in active regions observed in the solar atmosphere.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GUGLIELMINO, Salvo L.

Contribution ID: 927

Type: **not specified**

RIMAP: a data-driven numerical model for the interplanetary Parker spiral.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BIONDO, Ruggero

Contribution ID: **928**

Type: **not specified**

Clusters morphology by Zernike polynomials.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAPALBO, valentina

Contribution ID: 929

Type: **not specified**

Deep learning methods for fast localization of gravitational-wave transients.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RANDINO, Sebastiano

Contribution ID: **930**

Type: **not specified**

La plastica per la fisica degli eventi rari.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GHISLANDI, Stefano

Contribution ID: **931**

Type: **not specified**

MOND-like Fractional Laplacian theory.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIUSTI, Andrea

Contribution ID: 932

Type: **not specified**

Energetic budget for a nanoflare heated stellar upper atmosphere.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIOVANNELLI, Luca

Contribution ID: 933

Type: **not specified**

First direct detection of CNO neutrinos: the multivariate fitting strategy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PELICCI, Luca

Contribution ID: 934

Type: **not specified**

Gravitational ballooning modes excited by rapidly rotating black hole binaries in parallel to gravitational wave emission.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COPPI, Bruno

Contribution ID: 935

Type: **not specified**

Simulation and tests of HEPD-02 scintillator prototypes.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SAHNOUN, Zouleikha

Contribution ID: 936

Type: **not specified**

Analysis of Lyapunov-like exponents of solar convection using state-of-the-art observations.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VIAVATTENE, Giorgio

Contribution ID: 937

Type: **not specified**

The XENONnT Neutron Veto performances.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: AGOSTINI, Federica

Contribution ID: 938

Type: **not specified**

Ricostruzione degli eventi di Limadou-HEPD con tecniche di Deep Learning.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FOLLEGA, Francesco Maria

Contribution ID: **939**

Type: **not specified**

Sviluppo di un sistema di lettura dati per HEPD-02.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GEBBIA, Giuseppe

Contribution ID: 940

Type: **not specified**

Tecnica matriciale di elaborazione dei segnali per l'esperimento HOLMES.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CECILIA, Ferrari

Contribution ID: **941**

Type: **not specified**

Atmospheric effects for CMB ground-based observations.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MANDELLI, Stefano

Contribution ID: 942

Type: **not specified**

Strategy of detection for solar CNO neutrinos and temperature stabilization of the borexino detector

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BIONDI, Riccardo

Contribution ID: **943**

Type: **not specified**

Gravitational wave cosmology with galaxy surveys.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PALMESE, Antonella

Contribution ID: 944

Type: **not specified**

Il telescopio Mini-EUSO a bordo della Stazione Spaziale Internazionale: lancio e prime osservazioni.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARCELLI, Laura

Contribution ID: 945

Type: **not specified**

Testing astrophysical source to describe ultra-high-energy cosmic rays spectrum and composition.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CONDORELLI, Antonio

Contribution ID: 946

Type: **not specified**

Dynamical state and morphology from multi-wavelength synthetic maps of Three Hundred Project Galaxy Clusters

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE LUCA, Federico

Contribution ID: 947

Type: **not specified**

BRISTOL and RAGoUT: Two tools for investigating noise stationarity and gaussianity in gravitational wave interferometers.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: NUNZIATO, Sorrentino

Contribution ID: 948

Type: **not specified**

Exploring the hydrostatic mass bias of the MUSIC clusters of galaxies.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIANFAGNA, Giulia

Contribution ID: **949**

Type: **not specified**

A detailed analysis of PSR J2021+4026, the first variable gamma-ray pulsar.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FIORI, Alessio

Contribution ID: 950

Type: **not specified**

WATERLOO: A wavelet coherence analysis tool for glitches in gravitational wave data.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI RENZO, Francesco

Contribution ID: 951

Type: **not specified**

Cerberus: A three-headed instrument for the OARPAF telescope.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RICCI, Davide

Contribution ID: 952

Type: **not specified**

Extreme blazars: a challenge for the observatories of the next decade.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PRANDINI, Elisa

Contribution ID: 953

Type: **not specified**

Applications of Bayesian framework to optimal observational design strategies. Scheduling ESPRESSO follow-up of TESS targets.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CABONA, Lorenzo

Contribution ID: 954

Type: **not specified**

Studio degli effetti della violazione dell'Invarianza di Lorentz negli sciami atmosferici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TRIMARELLI, Caterina

Contribution ID: 955

Type: **not specified**

Il modello del fondo di Gerda Fase II.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PERTOLDI, Luigi

Contribution ID: 956

Type: **not specified**

MISTRAL: Millimetric Sardinia radio Telescope Receiver based on Array of Lumped elements kids.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PAIELLA, Alessandro

Contribution ID: 957

Type: **not specified**

Sviluppo di un portale online per il monitoraggio della radiazione cosmica e dell'attività solare.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PELOSI, David

Contribution ID: 958

Type: **not specified**

Sviluppo di un algoritmo di ricostruzione delle tracce per la rivelazione gamma sub-GeV ad elevata risoluzione angolare.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BRUGNONI, Claudio

Contribution ID: 959

Type: **not specified**

Measuring light elements in space with the DAMPE mission.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ALEMANNINO, Francesca

Contribution ID: **960**

Type: **not specified**

Neutrinoless double beta decay search with the GERDA experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BURLAC, Nina

Contribution ID: **961**

Type: **not specified**

Study of the cosmic B C N and O nuclei with the DAMPE space mission

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: KYRATZIS, Dimitrios

Contribution ID: **962**

Type: **not specified**

Multi-messenger astrophysics with the Pierre Auger Observatory.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE VITO, Emanuele

Contribution ID: **963**

Type: **not specified**

The void size function in dynamical dark energy cosmologies

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIOVANNI, Verza

Contribution ID: **964**

Type: **not specified**

Cosmogenic rejection in LEGEND-200 based on the LAr veto.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DANILA, Stukov

Contribution ID: **965**

Type: **not specified**

Cosmic Ray Helium spectrum measured by DAMPE.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI SANTO, Margherita

Contribution ID: 966

Type: **not specified**

Characterization of NUV SiPM matrices for the full equipment of the pSCT camera proposed for the CTA Observatory.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PANTALEO, Francesca Romana

Contribution ID: **967**

Type: **not specified**

Mescolamento magnetico in stelle AGB e grani presolari.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VESCOVI, Diego

Contribution ID: **968**

Type: **not specified**

Progetto Hermes Outreach

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CITOSI, Marco

Contribution ID: **969**

Type: **not specified**

Characterization of plastic scintillator Detector prototypes for the HERD experiment

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SERINI, Davide

Contribution ID: 970

Type: **not specified**

Tidal disruption events in the multimessenger astronomy era.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TOSCANI, martina

Contribution ID: 971

Type: **not specified**

Study of high energy electron plus positron flux with the DAMPE space mission.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CATANZANI, Enrico

Contribution ID: 972

Type: **not specified**

The study of solar plumes with SOHO spacecraft instruments.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZANGRILLI, Luca

Contribution ID: 973

Type: **not specified**

Assemblaggio e caratterizzazione del tracciatore a pixel monolitici di silicio per HEPD-02.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE CILLADI, Lorenzo

Contribution ID: 974

Type: **not specified**

Study of a coronal mass ejection driven shock in low solar corona.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FRASSATI, Federica

Contribution ID: 975

Type: **not specified**

Full-spectrum analysis between radio and optical to alleviate systematic errors for cosmic shear.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BERARDI, Gabriele

Contribution ID: 976

Type: **not specified**

Baryon acoustic oscillations in cross-correlation between HI intensity mapping and galaxy clustering.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RUBIOLA, Andrea Maria

Contribution ID: 977

Type: **not specified**

The TeV gamma-ray luminosity of the Milky Way and the contribution of H.E.S.S. unresolved sources to VHE diffuse emission.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VECCHIOTTI, vittoria

Contribution ID: 978

Type: **not specified**

Constraining new physics in the neutrino sector with the near and far DUNE detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MELONI

Contribution ID: 979

Type: **not specified**

Il progetto ReD in DarkSide.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PANDOLA, Luciano

Contribution ID: **980**

Type: **not specified**

Study of a novel VUV-imaging system in liquid argon for neutrino oscillation experiments.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PIA, Valerio

Contribution ID: **981**

Type: **not specified**

La Time Projection Chamber (TPC) ad argon in doppia fase di ReD.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PANDOLA, Luciano

Contribution ID: **982**

Type: **not specified**

Characterisation of SiPM light detectors in the Darkside prototype liquid-argon TPC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LUZZI, Ludovico

Contribution ID: **983**

Type: **not specified**

Progettazione sviluppo e realizzazione del calorimetro dell'esperimento HERD.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BERTI, Eugenio

Contribution ID: **984**

Type: **not specified**

Reconstruction of truncated images for PeVatron searches with the Cherenkov Telescope Array.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VERNA, Gaia

Contribution ID: 985

Type: **not specified**

Il Metodo Inverso Lambertiano in ottica: Applicazione ai canyon urbani.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PARRETTA, Antonio

Contribution ID: **986**

Type: **not specified**

Tomografia Sismica del Basso Tirreno attraverso dati telesismici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PUCCIARELLI, Giuseppe

Contribution ID: **987**

Type: **not specified**

Radioattività a nelle acque: overview delle attuali tecniche sperimentali.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CARIDI, Francesco

Contribution ID: **988**

Type: **not specified**

Una caratterizzazione dell'Osservatorio Geomagnetico a Lampedusa.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BAGIACCHI, Paolo

Contribution ID: **989**

Type: **not specified**

Climate Change in SSN, WeMO and Grain Production Fluctuations.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VITALI, G.

Contribution ID: 990

Type: **not specified**

The ionospheric response over Brazil to the August 2018 geomagnetic storm as probed by CSES-01 and Swarm satellites and ground-based observations.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SPOGLI, L.

Contribution ID: 991

Type: **not specified**

Auroral oval layers detection by using CSES plasma and electric-field data.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CICONI, Antonio

Contribution ID: 992

Type: **not specified**

Caratterizzazione di emissioni {\it non-exhaust} da traffico in campioni di aerosol atmosferico separato dimensionalmente.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CROVA, federica

Contribution ID: 993

Type: **not specified**

First detection of a giant plasma bubble by CSES-01 satellite.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: D'ANGELO, GIULIA

Contribution ID: 994

Type: **not specified**

La subsidenza nella Pianura Padana come combinazione di processi naturali ed effetti antropici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CENNI, Nicola

Contribution ID: 995

Type: **not specified**

**Ricerca di falde d'acqua sepolte con funzioni d'onda
Raman $\Psi w = \sum_i^n = 1\psi i$ ad essa associate.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VALLI, Franco

Contribution ID: 996

Type: **not specified**

On the combined use of Multiple Aperture SAR Interferometry (MAI) and Minimum Acceleration combination (MinA) techniques: A temporal investigation of large Earth's surface displacements.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MASTRO, Pietro

Contribution ID: 997

Type: **not specified**

Neural-network-based model for global Total Electron Content forecasting.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CESARONI, Claudio

Contribution ID: 998

Type: **not specified**

Worldwide statistical correlation analysis of strong earthquakes and ionospheric electron density anomalies as observed by CSES.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE SANTIS, ANGELO

Contribution ID: 999

Type: **not specified**

Misure di azimut ad elevata accuratezza: La bussola solare ENEA nelle versioni strumentale e smart.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BOLLANTI, Sarah

Contribution ID: **1000**

Type: **not specified**

A multi-parametric approach to study the preparation phase of an earthquake: The 2016–2017 Amatrice–Norcia seismic sequence and other world case studies.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARCHETTI, Dedalo

Contribution ID: **1001**

Type: **not specified**

Accelerating climate changes in Antarctic by extreme values theory

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PRETE, Giuseppe

Contribution ID: **1002**

Type: **not specified**

**MUF(3000) nowcasting and forecasting as INGV
operational products for PECASUS Space Weather
services in the HF domain.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SABBAGH, Dario

Contribution ID: **1003**

Type: **not specified**

Scott-Blair Model with time-varying viscosity and applications.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GARRA, Roberto

Contribution ID: **1004**

Type: **not specified**

Long term variations in the correlation between solar cycle proxies and solar wind parameters.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: REDA, Raffaele

Contribution ID: 1005

Type: **not specified**

**Modeling displacement and stress fields in
hydrothermal regions: The case of a
thermo-poro-elastic inclusion in a poro-elastic
half-space.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MANTILONI, Lorenzo

Contribution ID: **1006**

Type: **not specified**

Optical characterization of mineral dust with digital in-line holography.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RAVASIO, Claudia

Contribution ID: **1007**

Type: **not specified**

Studio dell'evoluzione climatica tramite modelli numerici deterministici ad oggetti.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAIERO, Enrico

Contribution ID: **1008**

Type: **not specified**

A physical-mathematical description of ash transportation in volcanic eruptions

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MUNAÒ, Gianmarco

Contribution ID: **1009**

Type: **not specified**

Esiste un'emergenza climatica?

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PRODI, Franco

Contribution ID: **1010**

Type: **not specified**

New methods for the analysis of complex materials at the atomic level: The Single Phototronic Probe applied to the study of phyllosilicates.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZANGARI DEL BALZO, Gianluigi

Contribution ID: **1011**

Type: **not specified**

Light pollution in Piedmont.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CORA, Alberto

Contribution ID: **1012**

Type: **not specified**

A light scattering pathway for characterizing dust content in ice cores.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CREMONESI, Lorenc

Contribution ID: **1013**

Type: **not specified**

Optical properties of airborne dust in antarctica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: POTENZA, Marco A.C.

Contribution ID: **1014**

Type: **not specified**

Dieci ricostruzioni paleogeografiche globali a raggio variabile per il Tardo Triassico

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCALERA, Giancarlo

Contribution ID: **1015**

Type: **not specified**

COVID-19: Energy landscape theory of SARS-CoV-2 complexes with Particulate Matter.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZANGARI DEL BALZO, Gianluigi

Contribution ID: **1016**

Type: **not specified**

Ottimizzazione della distribuzione teorica di dose nella regione dello Spread Out Bragg Peak (SOBP) in protonterapia tramite tecniche semianalitiche.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: NICHELATTI, Enrico

Contribution ID: **1017**

Type: **not specified**

Atomic force microscopy study of the inhibition of lysozyme fibrillogenesis by hydroxytyrosol.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ORSINI, Francesco

Contribution ID: **1018**

Type: **not specified**

Image quality in synthetic mammograms obtained from 15° and 40° digital breast tomosynthesis: a preliminary comparative phantom study.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LAMASTRA, Rocco

Contribution ID: **1019**

Type: **not specified**

Physicochemical strengthening of nanoparticles for cancer hadron therapy and medical physics applications.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CATALANO, E.

Contribution ID: **1020**

Type: **not specified**

La malattia di Alzheimer potrebbe non essere una vera malattia.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BALDACCHINI, G.

Contribution ID: **1021**

Type: **not specified**

Medical applications of tissue-equivalent organic-based flexible direct X-ray detectors.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FRATELLI, I.

Contribution ID: **1022**

Type: **not specified**

Energy measurement of clinical proton beams with a telescope of ultra-fast silicon detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VILLARREAL, Marti

Contribution ID: **1023**

Type: **not specified**

Identification of vegetal plant species from colour and pattern analysis of drone images.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VITALI, G.

Contribution ID: **1024**

Type: **not specified**

Radiomics analysis of 11C-Methionine PET/CT images through a deep learning approach.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RICHIUSA, Selene

Contribution ID: 1025

Type: **not specified**

Characterization of PVA-GTA Fricke gels dosimeters using MRI and optical techniques in X-rays external radiation therapy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GALLO, Salvatore

Contribution ID: **1026**

Type: **not specified**

Multimodal approach for the study of mouse CNS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAUGERI

Contribution ID: **1027**

Type: **not specified**

Clenbuterol-sensitive delayed outward potassium currents in SBMA cell model.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MUSIO, Carlo

Contribution ID: **1028**

Type: **not specified**

Application of a simultaneous iterative reconstruction method for X-ray phase-contrast tomography.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BUKREEVA, inna

Contribution ID: **1029**

Type: **not specified**

Microscopy pixel classification of intracellular sites of triglycerides and cholesteryl esters formation and storage through a machine-learning assisted polarity-driven segmentation.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BIANCHETTI, G.

Contribution ID: **1030**

Type: **not specified**

Towards a standard pipeline for the analysis of human spinal cord fMRI data.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MORASCHI, Marta

Contribution ID: **1031**

Type: **not specified**

Study of enhanced radio-resistance induced by hibernation.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: NEGRINI, Matteo

Contribution ID: **1032**

Type: **not specified**

Research on theranostic radioisotope production at the Bern medical cyclotron.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DELLEPIANE, Gaia

Contribution ID: **1033**

Type: **not specified**

Effect of physical stresses on zebrafish samples.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: NASSISI, V.

Contribution ID: 1034

Type: **not specified**

Conformational stability of β -lactoglobulin interacting with single-chain lipids with specific polar head and tail length

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RIZZUTI, Bruno

Contribution ID: **1035**

Type: **not specified**

A deep convolutional neural network for breast density assessment: Optimization and explainability.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCAPICCHIO, Camilla

Contribution ID: **1036**

Type: **not specified**

Performance of the calorimeter for the FOOT experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCAVARDA, Lorenzo

Contribution ID: 1037

Type: **not specified**

**Protein-protein interactions and bacterial virulence:
A mechanistic insight into the interaction between
IsdB, a *Staphylococcus aureus* hemophoreL, and
human hemoglobin**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RONDA, Luca

Contribution ID: **1038**

Type: **not specified**

Fluorescent nanodiamonds for optically trackable drug delivery.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: APRÀ, Pietro

Contribution ID: **1039**

Type: **not specified**

Ions and polymers: Studying a competition at the nanoscale.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BILOTTO, Pierluigi

Contribution ID: **1040**

Type: **not specified**

First Silicon Carbide characterization for relative dosimetry with charged particles.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PETRINGA, Giada

Contribution ID: **1041**

Type: **not specified**

Development of the $\text{^{166}Ho}$ activity primary standard and calibration of the ionization chambers.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VACCARO, Maria

Contribution ID: **1042**

Type: **not specified**

Risposta in radiofotoluminescenza e ricostruzione della curva di Bragg a dosi cliniche in cristalli di fluoruro di litio irraggiati con protoni a 35 MeV.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MASSIMO, Piccinini

Contribution ID: **1043**

Type: **not specified**

When biophysics meets life science: Design of synthetic peptides for orthogonal control of HCN channels.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SAPONARO, Andrea

Contribution ID: **1044**

Type: **not specified**

Warfarin association with lipid membranes of different physico-chemical properties.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ALOI, Erika

Contribution ID: **1045**

Type: **not specified**

Mechanical unfolding of protein Flavodoxin investigated by optical tweezers.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZALTRON, Annamaria

Contribution ID: **1046**

Type: **not specified**

Sistema di misura portatile per la lotta ai traffici illeciti di materie radioattive: il progetto SICURA.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LEGA, Alessandro

Contribution ID: 1047

Type: **not specified**

An investigation on the ^1H - NMR relaxation properties of iron oxide magnetic nanoparticles: the effect of coating on different core size.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BRERO, Francesca

Contribution ID: **1048**

Type: **not specified**

Un metodo per la correzione per l'attenuazione nei sistemi di imaging ibridi PET-MR basato su reti neurali generative.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LARUINA, Francesco

Contribution ID: **1049**

Type: **not specified**

Preliminary characterization of a SPAD-based sensor for the MONDO neutron tracker.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TRIGILIO, Antonio

Contribution ID: **1050**

Type: **not specified**

Spectroscopy and dosimetry of laser-driven proton beams with radiochromic films.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GUARRERA, Mariacristina

Contribution ID: **1051**

Type: **not specified**

Statistics of large-scale deletions and insertions in B-cell receptors.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LUPO, Cosimo

Contribution ID: **1052**

Type: **not specified**

Studi di attivazione neutronica e dosimetria per una facility clinica di Boron Neutron Capture Therapy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAGNI, Chiara

Contribution ID: **1053**

Type: **not specified**

Coarse-grained computational study of interacting biomolecules.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SKRBIC, Tatjana

Contribution ID: **1054**

Type: **not specified**

Potenziale utilizzo terapeutico di nanovettori magnetici nei tumori cerebrali.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FICIARA, Eleonora

Contribution ID: 1055

Type: **not specified**

Confronto di metodi di analisi di resting-state fMRI per il mappaggio prechirurgico di aree eloquenti.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: D'AGATA, Federico

Contribution ID: **1056**

Type: **not specified**

Calibration and performances of the full scale ΔE -TOF system prototype of the FOOT experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZARRELLA, Roberto

Contribution ID: **1058**

Type: **not specified**

Tecnologia di stampa 3D per la realizzazione di fantocci mammografici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VARALLO, Antonio

Contribution ID: **1059**

Type: **not specified**

A method for the quantitative discrimination of breast tissue chemical composition based on the spectral decomposition of X-ray tomographic breast images.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VRBASKI, Stevan

Contribution ID: **1060**

Type: **not specified**

A deep Learning model for Alcoholism detection in Brain MRI.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MESSINA, Domenico

Contribution ID: **1061**

Type: **not specified**

Trials clinici virtuali: uno strumento innovativo per lo sviluppo e comparazione di scanner per l'imaging del tumore alla mammella.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SARNO, Antonio

Contribution ID: **1062**

Type: **not specified**

TMek: A lab-on-chip diagnostic test for malaria disease.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MILESI, Francesca

Contribution ID: **1063**

Type: **not specified**

IMAGE reconstruction in structured illumination microscopy (SIM) by SPLIT-SIM.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAINERO, Isotta

Contribution ID: **1064**

Type: **not specified**

Quantitative optimization of the STED imaging conditions by ICS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CERUTTI, Elena

Contribution ID: **1065**

Type: **not specified**

**Analysis of the effect of electro-optical parameters
on neurotransmitter uncaging experiments on
cerebellar cells in vitro.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ANGELI, Elena

Contribution ID: **1066**

Type: **not specified**

ExCIDS: Improvement of CIDS imaging of DNA organization by Expansion Microscopy coupling.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARONGIU, Riccardo

Contribution ID: **1067**

Type: **not specified**

Thermodynamics and kinetics of ion translocation in the human wild-type and E- α 7 nicotinic receptor.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COTTONE, Grazia

Contribution ID: **1068**

Type: **not specified**

Multi-technique analysis of Extracellular Vesicles: Not only size matters.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PARISSE, Pietro

Contribution ID: **1069**

Type: **not specified**

Cross-section measurements of alpha-induced nuclear reactions on $\text{^{nat}Cd}$ and $\text{^{nat}In}$ targets for the theranostic $\text{^{117m}Sn}$ production.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE DOMINICIS, Lucia

Contribution ID: **1070**

Type: **not specified**

Channel-protein/ligand interaction sensed by Fabry-Perot interferometry on air bubbles.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BROCCA, Paola

Contribution ID: **1071**

Type: **not specified**

Algoritmo di intelligenza artificiale per la classificazione di immagini di tomosintesi digitale al seno (dbt).

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RICCIARDI, Roberta

Contribution ID: **1072**

Type: **not specified**

Two-photon polymerization of proteinaceous microstructures with near-infrared photothermal activity.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZEYNALI, AmirBahador

Contribution ID: **1073**

Type: **not specified**

Collagen micro-architecture investigation in tumor sections by means of second harmonic generation signal multiphasor analysis coupled with non-supervised machine learning techniques.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCODELLARO, Riccardo

Contribution ID: **1074**

Type: **not specified**

**Transcranial magnetic resonance imaging-guided
focused ultrasound treatment at 1.5 T: A
retrospective study on treatment- and patient-related
parameters obtained from 52 procedures.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BORGESSE, Riccardo Filippo

Contribution ID: **1075**

Type: **not specified**

GAF-3 as a new probe for photoacoustic microscopy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GARZELLA, Francesco

Contribution ID: **1076**

Type: **not specified**

Structural insights into the ability of group I chaperonins to influence amyloid-beta peptide pathological behaviour.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VILASI, Silvia

Contribution ID: **1077**

Type: **not specified**

Valutazioni radioprotezionistiche di aree contaminate da TENORM.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CROCCO, Maria Caterina

Contribution ID: **1078**

Type: **not specified**

Internal dosimetry in diagnostic and therapeutic nuclear medicine using GATE and GAMOS Monte Carlo simulations.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PISTONE, Daniele

Contribution ID: **1079**

Type: **not specified**

A novel targeting approach for melanoma cancer treatment based on photodynamic therapy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: URIATI, Eleonora

Contribution ID: **1080**

Type: **not specified**

Photosensitizing proteins for a targeted antibacterial photodynamic inactivation

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ABBRUZZETTI, Stefania

Contribution ID: **1081**

Type: **not specified**

Non-linear analysis of heart rate variability during continuous incremental exercise test

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZIMATORE, Giovanna

Contribution ID: **1082**

Type: **not specified**

A protocol to generate holo-like and druggable protein conformations starting from the apo structure.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VITTORIO, Vargiu Attilio

Contribution ID: **1083**

Type: **not specified**

Frequency-dependent causal brain network reorganization in anesthesia.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CONTI, Allegra

Contribution ID: **1084**

Type: **not specified**

\textit{In vivo} validation of time domain optical mammograph with innovative detection chain.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAFFEIS, Giulia

Contribution ID: **1085**

Type: **not specified**

Brain network reorganization in HIV infection.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MINOSSE, Silvia

Contribution ID: **1086**

Type: **not specified**

Formation of protein microparticles and rational tuning of their properties

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FENNEMA GALPARSORO, Dirk

Contribution ID: **1087**

Type: **not specified**

Local structure of DNA toroids reveals curvature-dependent intermolecular forces.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BARBERI, Luca

Contribution ID: **1088**

Type: **not specified**

Vibrational spectroscopies for the analysis of gingival crevicular fluid and periodontal ligament during orthodontic treatment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LEPORE, Maria

Contribution ID: **1089**

Type: **not specified**

Thalamic parcellation for target identification in trans-cranial MR-guided Focused UltraSound (tcMRgFUS) thalamotomies: A preliminary probabilistic tractography study.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARRALE, MAURIZIO

Contribution ID: **1090**

Type: **not specified**

Effect of compact fluorescent lamp exposure on cytokine release by peripheral blood mononuclear cells

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RUELLO, Elisa

Contribution ID: **1091**

Type: **not specified**

Development of an MRI phantom for the optimisation of radiomic studies on the female pelvis.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BIANCHINI, Linda

Contribution ID: **1092**

Type: **not specified**

Data-driven collective variables for enhanced sampling simulations

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BONATI, Luigi

Contribution ID: **1093**

Type: **not specified**

4DPhantom: An innovative device for oncological proton treatment uncertainties minimization.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI RUZZA, Benedetto

Contribution ID: **1094**

Type: **not specified**

DNA sequence detection by coupling microscopy and spectroscopy methods.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PINTO, Giulia

Contribution ID: **1095**

Type: **not specified**

Light-induced production of reactive oxygen species by organic semiconductors revealed by Scanning ElectroChemical Microscopy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MALFERRARI, Marco

Contribution ID: **1096**

Type: **not specified**

Use of Monte Carlo simulation for uncertainty evaluation: A proposed approach for a challenging issue in dosimetry of high dose-per-pulse electron beams.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: D'ARIENZO, Marco

Contribution ID: **1097**

Type: **not specified**

Reproducibility of radiomic features in computed tomography images of patients with lung cancer.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RINALDI, Lisa

Contribution ID: **1098**

Type: **not specified**

Superparamagnetic nanoparticles for the inclusion into red blood cells and MRI contrast agents.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SLAVU, Laura Maria

Contribution ID: **1099**

Type: **not specified**

Impact of the acquisition protocol on the sensitivity to demyelination and axonal loss of clinically feasible DWI techniques: A simulation study.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: OLIVIERO, Stefania

Contribution ID: **1100**

Type: **not specified**

MRI phantom calibration for relaxation times maps harmonization and optimization.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CICOLARI, Davide

Contribution ID: **1101**

Type: **not specified**

Niobium and titanium surface modification via anodic oxidation in Ca/P containing solutions for osteogenesis.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAVALLERI, Ornella

Contribution ID: 1102

Type: **not specified**

Integration of circular intensity differential scattering scanning microscopy with two-photon fluorescence microscopy using a phasor plot approach for better resolution.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MOHEBI, Ali

Contribution ID: **1103**

Type: **not specified**

A novel hybrid microdosimeter for radiation field characterization based on TEPC detector and LGADs tracker.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MISSIAGGIA, Marta

Contribution ID: **1104**

Type: **not specified**

Vascular alterations and differential permeability of the blood barrier in animal model of multiple sclerosis.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PALERMO, Francesca

Contribution ID: **1105**

Type: **not specified**

Enhancing gamma production for online dose verification in proton therapy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CARTECHINI, Giorgio

Contribution ID: **1106**

Type: **not specified**

Exploring the depletion beam shaping for 3D STED microscopy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BIANCHINI, Paolo

Contribution ID: **1107**

Type: **not specified**

Echo-states modeling: Another escape route to the curse of dimensionality in multivariate transfer entropy.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DUGGENTO, Andrea

Contribution ID: **1108**

Type: **not specified**

Gut-brain axis: Study on multiple sclerosis animal model.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SANNA, Alessia

Contribution ID: **1109**

Type: **not specified**

Human cell microtubules as proton biological targets.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GARIBALDI, Cristina

Contribution ID: 1110

Type: **not specified**

Monte Carlo simulations for X-ray breast dosimetry using homogeneous and heterogeneous phantoms.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TUCCIARIELLO, Raffaele Maria

Contribution ID: 1111

Type: **not specified**

Il Metodo Inverso Lambertiano in ottica: Applicazione ai concentratori solari.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PARRETTA, Antonio

Contribution ID: 1112

Type: **not specified**

Low-temperature characterization of spin-filter Josephson junctions for applications in superconducting circuits.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: AHMAD, Halima Giovanna

Contribution ID: 1113

Type: **not specified**

PAPRICA: the PAir PRoduction Imaging ChAmber.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MATTEI, Ilaria

Contribution ID: 1114

Type: **not specified**

Neutronographic investigation of the effects of CaLoSiL and Nano Estel?

textregisteredonthewaterabsorptionpropertiesofPietrad'Aspralimestone.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PALADINI, G.

Contribution ID: 1115

Type: **not specified**

Photoluminescent radiation-induced color centers in lithium fluoride for detection of pulsed 10 keV XFEL beam.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BONFIGLI, Francesca

Contribution ID: 1116

Type: **not specified**

FLUKA simulations and benchmark measurements of the YAP(Ce) scintillators installed on the VESUVIO spectrometer.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ONORATI, dalila

Contribution ID: 1117

Type: **not specified**

Crescita e caratterizzazione ottica di film di fluoruro di litio per rivelatori di protoni basati su radiofotoluminescenza.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VINCENTI, aurora

Contribution ID: **1118**

Type: **not specified**

Test of a prototype microstrip silicon detector for the FOOT experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SILVESTRE, Gianluigi

Contribution ID: **1119**

Type: **not specified**

Methylammonium and mixed-cations lead iodide perovskites for thin-film X-ray detection.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VERDI, matteo

Contribution ID: **1120**

Type: **not specified**

Atomic force microscopy metrology of non-spherical nanoparticles.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RIBOTTA, Luigi

Contribution ID: 1121

Type: **not specified**

A novel algorithm for Inelastic Neutron Scattering data comparison.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCATIGNO, claudia

Contribution ID: 1122

Type: **not specified**

Low-intensity noise ultrafast Yb-doped fiber amplifier.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CANELLA, Francesco

Contribution ID: 1123

Type: **not specified**

**Il restauro della Basilica di S. Nicola in Carcere a
Roma: Approccio multi-analitico per la
caratterizzazione dell'affresco absidale del pittore
Vincenzo Pasqualoni.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ROMANI, martina

Contribution ID: 1124

Type: **not specified**

Degradation of the green copper pigment Verdigris.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: KOLAR, jana

Contribution ID: 1125

Type: **not specified**

Study of Rogowski coil for fast pulse diagnostic.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: NASSISI, V.

Contribution ID: 1126

Type: **not specified**

Spettroscopia infrarossa FT-IR in riflessione (con luce di sincrotrone e portatile) per studi archeometrici di frammenti pittorici di epoca romana: Il caso dei frammenti rivenuti nella Villa della Piscina (Parco di Centocelle Roma).

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PRONTI, Lucilla

Contribution ID: 1127

Type: **not specified**

Low-energy kaon-nuclei interaction at DAFNE: The SIDDHARTA-2 experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MILIUCCI, Marco

Contribution ID: 1128

Type: **not specified**

Caratterizzazione di lustri italiani rinascimentali tramite il rapporto delle linee $K\alpha/K\beta$ e $L\alpha/L\beta$.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ORSILLI, Jacopo

Contribution ID: **1129**

Type: **not specified**

Rivelatori al germanio iperpuro segmentati.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: RANIERO, WALTER

Contribution ID: **1130**

Type: **not specified**

Studio di provenienza di Lapislazzuli con analisi XRF, XRL e Raman.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SALEH, Miriam

Contribution ID: 1131

Type: **not specified**

Characterization of the polarization phenomenon in Al/CdTe/Pt Schottky detector for industrial applications.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DISTEFANO, Paolo

Contribution ID: 1132

Type: **not specified**

XRD-XRF combinate per lo studio dei processi di degrado e protocolli di cura dei manufatti artistici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VADRUCCI, Monia

Contribution ID: 1133

Type: **not specified**

Caratterizzazione su scala nanoscopica della rete fibrillare di collagene di beni archivistici e librari.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CICERO, Cristina

Contribution ID: 1134

Type: **not specified**

Textile multi-sensor platform for bioanalytes detection.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: POSSANZINI, Luca

Contribution ID: 1135

Type: **not specified**

Confocal Raman imaging of old and modern paper.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BOTTI, Sabina

Contribution ID: 1136

Type: **not specified**

Towards a multi-technique device for cultural heritage applications.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SOTTILI, Leandro

Contribution ID: 1137

Type: **not specified**

Defect formation in graphene by extreme ultraviolet irradiation at ENEA Frascati.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MEZI, Luca

Contribution ID: 1138

Type: **not specified**

Primi risultati programma regionale di controllo della radioattività a nelle acque destinate al consumo umano.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MORELLI, Daniela

Contribution ID: 1139

Type: **not specified**

COMSOL simulations of surface traps and charge clouds in segmented planar HPGe detectors

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BERTOLDO, Stefano

Contribution ID: **1140**

Type: **not specified**

EBG woodpile coupler design for high gradient dielectric laser accelerators.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SEBASTIANO, Mauro Giorgio

Contribution ID: 1141

Type: **not specified**

Optical fiber meta-tip: A novel platform for highly sensitive detection of molecular interactions

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PRINCIPE, Maria

Contribution ID: 1142

Type: **not specified**

Analysis of time correlations for high-sensitivity measurements.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TERRAGNI, Giulia

Contribution ID: 1143

Type: **not specified**

Simulazioni elettromagnetiche delle camere al plasma nelle sorgenti ioniche ECR: Design non convenzionali e iniezione delle microonde.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GALLO, Carmelo Sebastiano

Contribution ID: 1144

Type: **not specified**

Il degrado delle canne d'organo storiche a base stagno: Risultati delle analisi Raman e con neutroni.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI MARTINO, Daniela

Contribution ID: 1145

Type: **not specified**

Spectral enchanter: A GUI for the identification of pigments and dyes.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MELADA, Jacopo

Contribution ID: 1146

Type: **not specified**

Prove sperimentali sulla resistenza di una grafite utilizzata in dispositivi per la produzione di fasci radioattivi.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CENTOFANTE, Lisa

Contribution ID: 1147

Type: **not specified**

Extensible conductors based on polymer-carbon nanotubes.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCACCO, Valerio

Contribution ID: **1148**

Type: **not specified**

Studio Monte Carlo dell'attivazione residua del Front-End di SPES.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DONZELLA, Antonietta

Contribution ID: 1149

Type: **not specified**

Development of a compact neutron collimator for imaging techniques within the ANET project.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAFUCCI, Ettore

Contribution ID: 1150

Type: **not specified**

Radiocarbon dating of ancient written documents: A feasibility study on carbon-based inks.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BARONE, Serena

Contribution ID: **1151**

Type: **not specified**

Linear and nonlinear properties of soft-clamped phononic dimers.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CATALINI, Letizia

Contribution ID: 1153

Type: **not specified**

**Sviluppo di un sistema di spettroscopia γ per la
quantificazione della produzione di ^{111}Ag all'interno
dell'esperimento ISOLPHARM_EIRA.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MORSELLI, Luca

Contribution ID: 1154

Type: **not specified**

⁶Li-enriched LiF films grown by thermal evaporation for neutron detection.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: NIGRO, Valentina

Contribution ID: 1155

Type: **not specified**

X-ray interferometry and the atom-scale realisation of the metre.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GIOVANNI, Mana

Contribution ID: 1156

Type: **not specified**

On the use of laser-induced fluorescence for biological agent detection.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GAUDIO, Pasquale

Contribution ID: 1157

Type: **not specified**

Post-thalamotomy neurofunctional findings on patients treated with trans-cranial Magnetic Resonance guided Focused Ultrasound Surgery (tcMRgFUS): Preliminary results.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COLLURA, Giorgio

Contribution ID: **1158**

Type: **not specified**

Porous carbon materials obtained by the hydrothermal carbonization of orange juice.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SCARCELLO, Andrea

Contribution ID: 1159

Type: **not specified**

Applying DL and XRF techniques through a multi-parameter analysis of sicilian agricultural products.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SALVINA, Panebianco

Contribution ID: **1160**

Type: **not specified**

TD-NIRS data patterns in ischemic stroke patients.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZANOLETTI, Marta

Contribution ID: 1161

Type: **not specified**

Time domain NIRS evaluation of differential pathlength factor in vastus lateralis and biceps brachii muscles during exercise.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PIROVANO, Ileana

Contribution ID: **1162**

Type: **not specified**

Time domain NIRS sensitivity to neonatal brain haemodynamics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: AMENDOLA, Caterina

Contribution ID: **1163**

Type: **not specified**

Assessment of the muscular fatigue with TD-NIRS and EMG during isometric exercise.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PIROVANO, Ileana

Contribution ID: **1164**

Type: **not specified**

Red blood cell transfusion effect on neonates cerebral haemodynamics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: AMENDOLA, Caterina

Contribution ID: 1165

Type: **not specified**

Esperimento pilota sui sistemi ibridi fusione-fissione al reattore TRIGA-RC1 del C. R. ENEA Casaccia.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PANZA, Fabio

Contribution ID: 1166

Type: **not specified**

A photoluminescence study of degraded and preserved cadmium yellow paints.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GHIRARDELLO, Marta

Contribution ID: **1167**

Type: **not specified**

Tecniche neutroniche applicate per la caratterizzazione non distruttiva di tessere antiche di mosaico.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARCUCCI, Giulia

Contribution ID: **1168**

Type: **not specified**

Laser-scanning microscopy with SPAD Array Detector.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VICIDOMINI, Giuseppe

Contribution ID: **1169**

Type: **not specified**

Quasi-liquid crystals of electrons and positrons.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ZANGARI DEL BALZO, Gianluigi

Contribution ID: 1170

Type: **not specified**

La profilometria ottica per l'acquisizione della superficie su scala micrometrica ottimizzata per la stampa 3D e la fruizione tattile dell'opera d'arte.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MAZZOCATO, Sara

Contribution ID: 1171

Type: **not specified**

Laser Speckle Imaging: l'“impronta” random di un'opera d'arte.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DAFFARA, Claudia

Contribution ID: 1172

Type: **not specified**

Simulazione di innovativi sensori monolitici a microstrip e pixel di silicio per il tracciamento di particelle cariche.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE CILLADI, Lorenzo

Contribution ID: 1173

Type: **not specified**

Random telegraph noise investigation in irradiated digital SiPMs

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CAMPAJOLA, Marcello

Contribution ID: 1174

Type: **not specified**

Application of He-Ne Zeeman laser in polarization-based microscopy techniques.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CALLEGARI, Fabio

Contribution ID: 1175

Type: **not specified**

The UNESCO events about light in Latina (Italy).

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BONACCI, E.

Contribution ID: 1176

Type: **not specified**

Verifiche e determinazioni osservative sui crateri lunari: Un percorso PLS tra Fisica degli impatti, simulazioni di craterizzazione ed elaborazione digitale di immagini.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: D'ELIA, Marcella

Contribution ID: 1177

Type: **not specified**

Tecnologie quantistiche: Un percorso di formazione per insegnanti.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SUTRINI, Claudio

Contribution ID: **1178**

Type: **not specified**

Didattica dell'asimmetria in fisica e nell'arte.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TORRE, Matteo

Contribution ID: **1179**

Type: **not specified**

A look inside Feynman route to gravitation.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ADELE, Naddeo

Contribution ID: **1180**

Type: **not specified**

Feynman's unpublished approach to electrodynamics

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI MAURO, Marco

Contribution ID: **1181**

Type: **not specified**

The Italian Summer Students Program at FNAL.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DONATI, Simone

Contribution ID: **1182**

Type: **not specified**

COLLABORA - into the classroom: la comunit a di apprendimento progetta e sperimenta.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CARLI, Marta

Contribution ID: 1183

Type: **not specified**

**Il recupero del Gabinetto Scientifico della Scuola
Normale femminile di Parma e la nascita del progetto
Europeo “A European Museum of Education:
preserving and sharing our educational cultural
heritage”.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COLOMBI, E.

Contribution ID: **1184**

Type: **not specified**

Povero Helmholtz!

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ETTORE, Budassi

Contribution ID: 1185

Type: **not specified**

Efficacia didattica dello stage estivo “TenDaysPhysicsForTeenagers” a Pavia.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SIMONE, Venturini

Contribution ID: **1186**

Type: **not specified**

Un approccio interdisciplinare alle tecnologie quantistiche: un modulo per studenti di scuola secondaria.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SATANASSI, Sara

Contribution ID: **1187**

Type: **not specified**

Science Education for Action and Engagement towards Sustainability.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TASQUIER, Giulia

Contribution ID: **1188**

Type: **not specified**

Una delle guide spirituali della rinascita scientifica in Italia: Augusto Righi nel centenario della scomparsa.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BERTOZZI, E.

Contribution ID: **1189**

Type: **not specified**

Le abilit a di indagine scientifica dei futuri insegnanti di scuola primaria.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PANTANO, Ornella

Contribution ID: **1190**

Type: **not specified**

A scuola di Volo.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GILBERTI, Marco

Contribution ID: **1191**

Type: **not specified**

Mare plasticum - the plastic sea.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: STREIT-BIANCHI, Marilena

Contribution ID: **1192**

Type: **not specified**

The alternative organization of a theory as presented by Dirac's The Principles of Quantum Mechanics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DRAGO, Antonino

Contribution ID: **1193**

Type: **not specified**

DAD come supporto alla didattica della Fisica: problemi aperti.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARINO, tommaso

Contribution ID: **1194**

Type: **not specified**

La fisica nelle scuole secondarie: Scienza e arte canone della narrazione didattico-divulgativa.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FABBRI, Franco

Contribution ID: **1195**

Type: **not specified**

Mettersi in gioco su fluidi e misura nel diventare insegnanti di scuola primaria.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SOARDO, Elisa

Contribution ID: **1196**

Type: **not specified**

Sperimentare i temi di fluidi e misura nell'educazione primaria per il raccordo tra matematica e fisica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LAVAGNINI, Martina

Contribution ID: 1197

Type: **not specified**

Telegrafi ponti e velocipedi: I costruttori di strumenti di fisica nel Veneto dell'Ottocento.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MARCON, Fanny

Contribution ID: **1198**

Type: **not specified**

Il “foliot”: Regolatore inerziale del tempo in un modellino di orologio medievale.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CERRETA, Pietro

Contribution ID: **1199**

Type: **not specified**

Il contributo di alcuni fisici italiani alla nascita della televisione negli anni '30 e '40 del secolo scorso.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BAGNI, Enrico

Contribution ID: **1200**

Type: **not specified**

Il carosello trigonometrico.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MONETTI, Giulia

Contribution ID: 1201

Type: **not specified**

Sperimentare la gravit\`a con il telo elastico: una guida per i docenti di scuola secondaria

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: POSTIGLIONE, Adriana

Contribution ID: 1202

Type: **not specified**

Ricercatore per un giorno: Un esempio di masterclass in astrofisica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE ANGELIS, Ilaria

Contribution ID: **1203**

Type: **not specified**

Un piano inclinato da suonare: Una proposta didattica per i bambini.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: UVA, Francesca

Contribution ID: 1204

Type: **not specified**

Percorsi didattici di Relativit\`a Generale nei Licei.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MACCARONI, Flavia

Contribution ID: 1205

Type: **not specified**

Insegnare Fisica ai tempi della pandemia.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SERIO, Marina

Contribution ID: 1206

Type: **not specified**

Cellular automata investigations of water anomalies: the fully discrete Mercedes-Benz model on a lattice by NetLogo.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BAGNOLI, Franco

Contribution ID: 1207

Type: **not specified**

Conveying the history of physics via impossible interviews.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PACINI, Giovanna

Contribution ID: **1208**

Type: **not specified**

Labor@home: Sperimentare la fisica con la didattica a distanza.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: LEONARDI, Alessio Mattia

Contribution ID: 1209

Type: **not specified**

I colori visibili e quelli invisibili ai limiti dell'arcobaleno: Un percorso a distanza sulle radiazioni elettromagnetiche.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MULAZZI, Martina

Contribution ID: 1210

Type: **not specified**

Il ruolo dell'autoefficacia e della confidenza sulla conoscenza in fisica degli studenti di liceo

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TESTA, Italo

Contribution ID: 1211

Type: **not specified**

Le attitudini verso la fisica ed i fisici di studenti liceali: Un'analisi basata sulle corrispondenze multiple.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TESTA, Italo

Contribution ID: 1212

Type: **not specified**

Parlare “ex suppositione”: Il valore della teoria astronomica e la filosofia della fisica in Pierre Duhem.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FORTINO, Mirella

Contribution ID: 1213

Type: **not specified**

A caccia di spettri: Esperimenti di spettroscopia con lo smartphone.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ONORATO, Pasquale

Contribution ID: 1214

Type: **not specified**

Il laboratorio ai tempi del COVID: Fantasia innovazione e ... il laboratorio #restaacasa.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ONORATO, Pasquale

Contribution ID: 1215

Type: **not specified**

#\$iorestoacasa, tanto il moto \ 'e relativo!!! Tre passi nella relativit\ 'a da Galilei ad Einstein.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ONORATO, Pasquale

Contribution ID: 1216

Type: **not specified**

Minecraft: A means for the teaching and the disclosure of Physics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VASI, Sebastiano

Contribution ID: 1217

Type: **not specified**

Cuocere un uovo per insegnare la fisica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CARPINETI, Marina

Contribution ID: **1218**

Type: **not specified**

Investigating polarization with experimental and mathematical tools.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PALLOTTA, Filippo

Contribution ID: 1219

Type: **not specified**

Sound \& Light Project: A practical experience of science education for musical high schools.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CHIARELLO, Fabio

Contribution ID: **1220**

Type: **not specified**

FILINGS: divulgazione inclusiva della fisica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GADDA

Contribution ID: 1221

Type: **not specified**

Playing quantum games to learn quantum physics.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BONDANI, Maria

Contribution ID: 1222

Type: **not specified**

Enrico Fermi in Argentina and his lectures in Buenos Aires Cordoba and La Plata.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DE ANGELIS, Alessandro

Contribution ID: 1223

Type: **not specified**

Ottica geometrica e videochiamate, un coinvolgente percorso (nei primi anni del liceo) per appassionare alla creazione di finti ologrammi realtime.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DODERO, Giovanni

Contribution ID: 1224

Type: **not specified**

An investigation on students' conceptual understanding about Cosmology through cluster analysis.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COLANTONIO, Arturo

Contribution ID: 1225

Type: **not specified**

Scienza sul balcone: Un esperimento di citizen science svolto durante l'emergenza COVID.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FARINI, Alessandro

Contribution ID: 1226

Type: **not specified**

Uno studio sulla correlazione tra interesse, auto-efficacia e conoscenza disciplinare di argomenti di base di Astronomia.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: COLANTONIO, Arturo

Contribution ID: 1227

Type: **not specified**

Stage per studenti delle scuole secondarie nell'ambito del PLS-Fisica.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TOSI, Silvano

Contribution ID: 1228

Type: **not specified**

Project ALEX: workshops per gli insegnanti sullo sviluppo di concetti fisici grazie a dimostrazioni improvvisate e ragionamenti qualitativi.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DAMIANI PACIONE, Pier

Contribution ID: 1229

Type: **not specified**

Effectiveness of the online Physics Laboratory in University Courses.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BORSINI, Ido

Contribution ID: 1230

Type: **not specified**

Riflessioni sull'azione PLS mirata alla riduzione del tasso di abbandono attraverso il miglioramento della didattica universitaria.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MONTI, Francesca

Contribution ID: 1231

Type: **not specified**

Science on Stage: Una rete europea “from teachers for teachers”.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PEZZI, Giovanni

Contribution ID: 1232

Type: **not specified**

Beppo Occhialini's Brazilian period.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GARIBOLDI, Leonardo

Contribution ID: 1233

Type: **not specified**

Equilibrio di genere nei corsi di laurea in Fisica: Prospettive di un'indagine PLS.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ONORATO, Pasquale

Contribution ID: 1234

Type: **not specified**

La didattica della fisica a distanza al tempo del COV19.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: STEFANEL, alberto

Contribution ID: 1235

Type: **not specified**

**“PLS-POT-Progetto ORIENTAZIONE” per un
supporto web all’autovalutazione degli studenti delle
scuole superiori.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SAPIA, Peppino

Contribution ID: 1236

Type: **not specified**

Optics Summer School: "Lockdown" edition.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ALLEVI, Alessia

Contribution ID: **1237**

Type: **not specified**

Battimenti inediti.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CATONE, Pasquale

Contribution ID: 1238

Type: **not specified**

Un'indagine PLS sulla formazione, supporto e monitoraggio delle attività dei tutor universitari.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: TESTA, Italo

Contribution ID: 1239

Type: **not specified**

La formazione degli insegnanti del PLS-Fisica negli ultimi cinque anni

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: PAVESI, Maura

Contribution ID: **1240**

Type: **not specified**

RadioLab tra presente e futuro.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MONTALBANO, Vera

Contribution ID: 1241

Type: **not specified**

Calore temperatura energia: Un modulo formativo laboratoriale basato sull'utilizzo di termocamere.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DAFFARA, claudia

Contribution ID: 1242

Type: **not specified**

DaD e i collegamenti interdisciplinari con la fisica al liceo delle scienze umane.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BARBIERI, sara roberta

Contribution ID: 1243

Type: **not specified**

**Atteggiamenti verso la Fisica: Sviluppo ed esiti di
uno strumento di indagine per il miglioramento
dell'apprendimento della Fisica nella scuola
secondaria di secondo grado.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BOLOGNA, Valentina

Contribution ID: 1244

Type: **not specified**

**Valorizzazione e fruizione della collezione di antichi
strumenti di Fisica. Un progetto di Alternanza
Scuola-Lavoro.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: IMMÈ, Josette

Contribution ID: 1245

Type: **not specified**

Presentation and development of a Physics experiment devised for didactic learning.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: DI CAPUA, Roberto

Contribution ID: 1246

Type: **not specified**

Checking of the effectiveness of the e-tivity approach to improve the participation of remote learners to the experimental activity.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: FONTANA, Fabrizio

Contribution ID: 1247

Type: **not specified**

**Computazione e simulazioni computazionali:
Riflessioni sul *modus operandi* scientifico da
Galileo all'era del computer.**

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MACUGLIA, Daniele

Contribution ID: **1248**

Type: **not specified**

1test

Presenter: Dr WIELAND, Oliver (INFN2)

Contribution ID: **1250**

Type: **not specified**

test123

test456

Presenter: Dr BARILE, Francesca (Niguarda)

Contribution ID: 1252

Type: **not specified**

Metodi di intelligenza artificiale per l'identificazione di jet con l'esperimento ATLAS a LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: MORODEI, Federico

Contribution ID: 1253

Type: **not specified**

Irradiation tests and gas mixture studies for the Micromegas detectors of the ATLAS New Small Wheel upgrade.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: GNESI, Ivan

Contribution ID: 1254

Type: **not specified**

Study of the HV stability in the ATLAS New Small Wheel upgrade Micromegas detectors.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: CARDUCCI, Giovandomenico

Contribution ID: 1255

Type: **not specified**

Ricerca di dark photon in stati finali con displaced lepton-jet con esperimento ATLAS a LHC.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SANTANGELO, Feliciano

Contribution ID: 1256

Type: **not specified**

Effect of pre-processing on radiomics features estimation from computed tomography imaging in patients with rectal cancer.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: BORGHERESI, Rita

Contribution ID: 1257

Type: **not specified**

New portable instrument for {it in situ} activity measurement of radionuclides used in nuclear medicine.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: ABUBAKER, Farnesk

Contribution ID: **1258**

Type: **not specified**

In situ monitoring of the stopped muon flux at Mu2e.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: VITALI, Bastiano

Contribution ID: 1259

Type: **not specified**

Modellizzazione della forma degli impulsi nei rivelatori termici.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SIMONE, Quitadamo

Contribution ID: 1260

Type: **not specified**

Experimental studies of the kaonic atoms at DAFNE collider: From SIDDHARTA to SIDDHARTA-2 experiment.

Monday, September 14, 2020 12:00 AM (10 minutes)

Presenter: SIRGHI, Diana Laura