

INPC2013 - International Nuclear Physics Conference

Sunday 02 June 2013 - Friday 07 June 2013

**Firenze
Programme**

Table of contents

Sunday 02 June 2013	1
Monday 03 June 2013	2
Tuesday 04 June 2013	9
Wednesday 05 June 2013	16
Thursday 06 June 2013	17
Friday 07 June 2013	24

Sunday 02 June 2013

Registration - Palazzo dei Congressi (14:00-19:00)

Welcome Cocktail (17:30-19:00)

Public lecture (in italian) - Sala Verde (19:00-20:00)

time	[id] title	presenter
19:00	[360] Tecniche di Fisica Nucleare per i Beni culturali ed il monitoraggio ambientale - Nuclear Physics techniques for Cultural Heritage and environmental monitoring	MANDÒ, Pier Andrea

Monday 03 June 2013

Opening - Auditorium (09:00-09:30)

Chairperson: Cosimo Signorini (Padova, Italy)

time	[id] title	presenter
09:00	[368] Welcome addresses by INFN, University of Padova, University of Firenze, Tuscany Region and Firenze Municipality	...

Plenary Session 1 - Auditorium (09:30-10:30)

Chairpersons: Jens Dilling (TRIUMF, Canada), Anthony Thomas (Adelaide, Australia)

time	[id] title	presenter
09:30	[310] [PL007] Meson Spectroscopy in the Light Quark Sector	DE VITA, Raffaella
10:00	[306] [PL029] Shell evolution and nuclear forces	SORLIN, Olivier

Plenary Session 2 - Auditorium (11:00-13:00)

Chairpersons: Dominique Guillemaud-Müller (Orsay, France), Francesco Iachello (Yale, USA)

time	[id] title	presenter
11:00	[307] [PL010] Recent results from FRS experiments with exotic nuclei produced with uranium projectiles and perspectives with the SUPER-FRS	GEISSEL, Hans
11:30	[308] [PL028] Searching for new physics in beta-neutrino correlations	SEVERIJNS, Nathal
12:00	[309] [PL006] Hadron physics from Lattice QCD	DAVIES, Christine
12:30	[305] [PL001] Structure and spin of the nucleon	AVAKIAN, Harut

A1 - Nuclear Structure - Adua 1 (14:30-16:15)

Chairperson: Karsten Riisager (Aarhus)

time	[id] title	presenter
14:30	[16] [NS233] (I) Nuclear Structure Experiments Beyond the Neutron Dripline	THOENNESSEN, Michael
14:55	[19] [NS259] A new experimental study of the ^{12}Be cluster structure	YE, Yan-Lin
15:10	[20] [NS045] Preliminary results of a more accurate measurement of the radiative 4^+ to 2^+ transition in ^8Be	ROUT, Prakash C. NANAL, Vandana
15:25	[21] [NS152] Kinematically complete measurements of Coulomb breakup of Borromean halo nuclei at the SAMURAI facility at RIBF	NAKAMURA, Takashi
15:40	[22] [NS040] Mass dependence of short-range correlations in nuclei and the EMC effect	COSYN, Wim
15:55	[362] [NF011] Agata modules as Compton polarimeters for the measurement of gamma-ray linear polarisation	MELON, Barbara

B1 - Nuclear Structure - Adua 2 (14:30-16:15)**Chairperson: Richard Casten (Yale)**

time	[id] title	presenter
14:30	[23] [NS157] (I) Decay spectroscopy of very neutron-rich nuclei at RIBF	NISHIMURA, Shunji
14:55	[24] [NS076] Beta-delayed fission of neutron-deficient Fr and At isotopes	GHYS, Lars
15:10	[25] [NS189] The observation of a strong E0 component in the $2_2^+ \rightarrow 2_1^+$ transition in ^{184}Hg from the β -decay of laser-ionized thallium isotopes: a strong signature for shape coexistence.	RAPISARDA, Elisa
15:25	[136] [NS133] Survey and Evaluation of Isobaric Analogue States	MACCORMICK, Marion
15:40	[27] [NS166] Beta Decay of Exotic $T_Z = -1, -2$ Nuclei: the Interesting Case of ^{56}Zn	ORRIGO, Sonja
15:55	[28] [NS257] β -decay studies of neutron-rich nuclei in the vicinity of ^{78}Ni	XU, Zheng-Yu

C1 - Nuclear Structure - Adua 4 (14:30-16:15)**Chairperson: Francesca Soramel (Padova)**

time	[id] title	presenter
14:30	[29] [NS242] (I) Recent shell-model results for exotic nuclei	UTSUNO, Yutaka
14:55	[105] [NS014] Investigation of 0^+ states in mercury isotopes after two-neutron pickup	BERNARDS, Christian WERNER, Volker
15:10	[32] [NS253] Centrifugal stretching of ^{170}Hf in the Interacting Boson Model	WERNER, Volker
15:25	[31] [NS196] Octupole correlations from a theoretical perspective	ROBLEDO, Luis M.
15:40	[33] [NS229] Evolution of octupole collectivity in ^{221}Th	TANDEL, Sujit K.
15:55	[34] [NS084] Scissors Strength in the Quasi-Continuum of Actinides	GUTTORMSEN, Magne

D1 - Nuclear Reactions - Auditorium (14:30-16:15)**Chairperson: Krzysztof Rusek (Warsaw)**

time	[id] title	presenter
14:30	[53] [NR189] (I) Probing nucleon-nucleon correlations via heavy ion transfer reactions	SZILNER, Suzana
14:55	[54] [NR139] Transfer probability measurements in the superfluid $^{116}\text{Sn}+^{60}\text{Ni}$ system	MONTANARI, Daniele
15:10	[55] [NR077] Mass-angle distributions: providing extensive insights into the dynamics and time scales of reactions forming heavy elements	HINDE, David J.
15:25	[56] [NR179] Incomplete fusion reactions at low energies in $^{13}\text{C}+^{169}\text{Tm}$ system	SHARMA, Vijay R.
15:40	[57] [NR121] Sub-barrier Fusion and Neutron Transfer with Positive Q-value	LIN, Cheng-Jian
15:55	[58] [NR183] Oscillations in the fusion excitation function of $^{28}\text{Si} + ^{28}\text{Si}$ above the barrier	STEFANINI, Alberto M.

E1 - Nuclear Astrophysics - Sala Onice (14:30-16:15)

Chairperson: Adriana Nannini (Firenze)

time	[id] title	presenter
14:30	[224] [NA016] (I) Broad resonances in light nuclei studied with β - and γ -spectroscopy	FYNBO, Hans
14:55	[240] [NA001] β -decay measurements of ^{12}B using Gammasphere	ALCORTA, Martin FYNBO, Hans
15:10	[225] [NA020] Virtual Neutron Method applied to the study of $^{17}\text{O}(n,\alpha)^{14}\text{C}$ reaction	GULINO, Marisa
15:25	[226] [NA050] Protoquark stars: stability windows and magnetic field effects	PERES MENEZES, Débora
15:40	[227] [NA008] Study of the $^4\text{He} (^3\text{H},\gamma)^7\text{Be}$ astrophysical reaction using activation and direct recoils detection methods	CARMONA - GALLARDO, Mariano
15:55	[229] [NA045] The $^6\text{Li}(^{22}\text{Ne},^{26}\text{Mg})\alpha$ -transfer experiment for the study of low energy resonances in $^{22}\text{Ne}(\alpha,\gamma)^{26}\text{Mg}$	OTA, Shuya

F1 - Hadron Structure - Sala 9 (14:30-16:15)**Chairperson: Wolfram Weise (Munich)**

time	[id] title	presenter
14:30	[251] [HS028] (I) Exotic Hybrid Meson Spectroscopy with the GlueX detector at JLab	LAWRENCE, David
14:55	[252] [HS035] On timelike and spacelike deeply virtual Compton scattering at next to leading order	WAGNER, Jakub
15:10	[253] [HS004] Two-photon exchange contribution in elastic electron-proton scattering, experiment at the VEPP-3 storage ring	NIKOLENKO, Dmitri
15:25	[254] [HS025] Probing two-photon exchange with OLYMPUS	KOHL, Michael
15:40	[255] [HS012] Study of the proton structure by measurements of polarization transfers in Wide Angle Real Compton scattering at JLab	FANELLI, Cristiano
15:55	[256] [HS042] Strangeness Vector and Axial-Vector Form Factors of the Nucleon	PATE, Stephen

G1 - Hot and Dense Nuclear Matter - Sala 101 (14:30-16:15)**Chairperson: Nora De Marco (Torino)**

time	[id] title	presenter
14:30	[17] [HD045] (I) Jet Quenching with ATLAS and CMS	KURT, Pelin
14:55	[18] [HD012] Neutral meson and direct photon production in high-energy pp and PbPb collisions at the LHC with ALICE	BOCK, Friederike
15:10	[279] [HD066] Overview of Heavy Ion Results from CMS at the LHC	ROLAND, Gunther
15:25	[280] [HD070] Profiling hot and dense nuclear medium with high transverse momentum hadrons produced in d+Au and Au+Au collisions by the PHENIX experiment at RHIC	SAKAGUCHI, Takao
15:40	[300] [HD005] Strange hadrons and resonances at LHC energies with the ALICE detector	BADALÀ, Angela

15:55	[282] [HD013] Parton-hadron matter in- and out-of equilibrium	LINNYK, Olena
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H1 - Fundamental Symmetries and Interactions in Nuclei - Sala 4 (14:30-16:15)

Chairperson: Ryugo Hayano (Tokyo)

time	[id] title	presenter
14:30	[207] [SY029] (I) Parity and time-reversal symmetry violation in $A = 2-4$ nuclei	LAZAUSKAS, Rimantas
14:55	[208] [SY013] (I) Towards atomic parity violation experiments with laser trapped Francium isotopes	GWINNER, Gerald
15:20	[209] [SY004] (I) Early Results from the Qweak Experiment	SMITH, Greg
15:45	[210] [SY012] Search for Time-Reversal Invariance Violation in Nuclei	GUDKOV, Vladimir
16:00	[211] [SY034] T-Violation experiment at TRIUMF-ISAC using polarized ^8Li	MURATA, Jiro

I1 - New Facilities and Instrumentation - Sala Verde (14:30-16:15)

Chairperson: Paolo Blasi (Firenze)

time	[id] title	presenter
14:30	[157] [NF102] (I) Extreme Light Infrastructure - Nuclear Physics (ELI - NP) European Research Center	ZAMFIR, Victor
14:55	[158] [NF079] (I) Status of the SPIRAL2 facility	SAVAJOLS, Hervé
15:20	[159] [NF092] (I) ALTO, the electron - driven ISOL facility in Orsay: status and perspectives	VERNEY, David
15:45	[160] [NF044] Facility for Heavy Ion Collision Experiment at RAON	KIM, Young Jin
16:00	[161] [NF096] Polarization of a stored beam by spin-filtering	WEIDEMANN, Christian

A2 - Nuclear Structure - Adua 1 (16:45-18:30)

Chairperson: Reiner Krücken (TRIUMF)

time	[id] title	presenter
16:45	[129] [NS114] (I) Coulomb excitation of exotic nuclei at REX-ISOLDE with MINIBALL	KRÖLL, Thorsten
17:10	[36] [NS055] Precision mass measurements of short-lived nuclei for nuclear structure studies	DILLING, Jens
17:25	[37] [NS113] Establishing the neutron magic number $N = 32$ with mass measurements of $^{53,54}\text{Ca}$ using ISOLTRAP's MR-TOF MS	KREIM, Susanne
17:40	[38] [NS222] Investigating the strength of the $N = 34$ subshell closure in ^{54}Ca	STAPPENBECK, David
17:55	[39] [NS125] Nuclear Structure of neutron-rich nuclei around $N=40$	LENZI, Silvia M.
18:10	[40] [NS056] Effective theory for low-energy nuclear energy density functionals	DOBACZEWSKI, Jacek

B2 - Nuclear Structure - Adua 2 (16:45-18:30)

Chairperson: Silvia Leoni (Milano)

time	[id] title	presenter
16:45	[41] [NS087] (I) Advances in coupled-cluster computations of medium mass and neutron rich nuclei	HAGEN, Gaute
17:10	[42] [NS141] In-beam γ -ray spectroscopy of $^{38,40,42}\text{Si}$	MATSUSHITA, Masafumi
17:25	[43] [NS258] Level Lifetimes in ^{94}Zr from DSAM Measurements following Inelastic Neutron Scattering	YATES, Steven W.
17:40	[44] [NS176] On the Road to FAIR: First Operation of AGATA in PreSPEC at GSI	PIETRALLA, Norbert
17:55	[45] [NS017] Spectroscopy of neutron rich nuclei using cold neutron induced fission of actinide targets at the ILL: the EXILL campaign	DE FRANCE, Gilles
18:10	[46] [NS227] Search for a halo nucleus in Mg isotope through the measurements of reaction cross sections towards the vicinity of neutron-drip line	TAKECHI, Maya

C2 - Nuclear Structure - Adua 4 (16:45-18:30)**Chairperson: Sven Åberg (Lund)**

time	[id] title	presenter
16:45	[47] [NS124] (I) Do light nuclei exhibit "collective" motions?	LEIDEMANN, Winfried
17:10	[48] [NS034] Study of Ground-state configuration of neutron-rich Aluminium isotopes through Coulomb Breakup	DATTA PRAMANIK, Ushasi
17:25	[49] [NS178] The three shapes of ^{32}Mg	POVES, Alfredo
17:40	[50] [NS193] Beta decay to continuum states	RIISAGER, Karsten
17:55	[51] [NS001] Monte Carlo shell model towards ab initio nuclear structure	ABE, Takashi
18:10	[52] [NS238] Study of nuclei around $Z=28$ by large-scale shell model calculations	TSUNODA, Yusuke

D2 - Nuclear Reactions - Auditorium (16:45-18:30)**Chairperson: Anthony A. Cowley (Stellenbosch)**

time	[id] title	presenter
16:45	[59] [NR206] (I) Recent results on intermediate energy two - proton removal reactions	WIMMER, Katrin
17:10	[60] [NR204] The Structure of the Proton-Dripline Nucleus ^{17}Ne Studied in Knockout Reactions at Relativistic Beam Energies	WAMERS, Felix
17:25	[61] [NR187] Measurements of interaction cross sections for $^{22-35}\text{Na}$ isotopes	SUZUKI, Shinji
17:40	[152] [NR102] Inclusive breakup measurement of $N = 20 - 28$ nuclei near neutron drip-line	KOBAYASHI, Nobuyuki
17:55	[63] [NR053] Exotic structure of $^{15,17}\text{B}$ probed through charge changing cross section	KANUNGO, Rituparna
18:10	[64] [NR022] Reaction dynamics and γ spectroscopy of neutron-rich Ne isotopes by heavy-ion reactions	BOTTONI, Simone

E2 - Nuclear Astrophysics - Sala Onice (16:45-18:30)**Chairperson: Giacomo de Angelis (Legnaro)**

time	[id] title	presenter
16:45	[230] [NA053] (I) Current quests in nucleosynthesis: present and future neutron induced reactions measurements	PRAENA, Javier
17:10	[231] [NA019] (I) Studying stars by going underground: The LUNA experiment at Gran Sasso Laboratory	GUGLIELMETTI, Alessandra
17:35	[232] [NA046] Formation of quark matter in protoneutron stars: the burning process and the neutrino emission	PAGLIARA, Giuseppe
17:50	[363] [NA063] Relativistic EOS for Supernova Simulations	SHEN, Hong
18:05	[234] [NA029] Electron Capture and Beta-Decay Rates for the Collapse of O+Ne+Mg Cores	LAM, Yi-Hua

F2 - Hadron Structure - Sala 9 (16:45-18:30)**Chairperson: Egle Tomasi (Saclay)**

time	[id] title	presenter
16:45	[257] [HS017] (I) Nucleon structure through Generalized Parton Distributions	GIROD, Francois-Xavier
17:10	[258] [HS047] (I) Search for permanent Electric Dipole Moments	RATHMANN, Frank
17:35	[259] [HS005] (I) Search for higher lying charmonium and exotics in experiments using high quality antiproton beam with momentum up to 15 GeV/c	BARABANOV, Michael
18:00	[260] [HS029] Longitudinal and transverse spin structure of the nucleon at COMPASS	MARCHAND, Claude
18:15	[261] [HS046] Polarized Drell-Yan studies at COMPASS	QUINTANS, Catarina

G2 - Hot and Dense Nuclear Matter - Sala 101 (16:45-18:30)**Chairperson: Rosario Nania (Bologna)**

time	[id] title	presenter
16:45	[283] [HF004] (I) Open heavy-flavor measurements at high-energy hadron colliders	AVERBECK, Ralf
17:10	[284] [HD002] (I) Quarkonium production in heavy-ion collisions	ARNALDI, Roberta
17:35	[285] [HD055] (I) Exploring the QCD phase diagram through relativistic heavy-ion collisions	MOHANTY, Bedangadas
18:00	[286] [HD009] Heavy flavour spectra in nucleus-nucleus collisions within a Langevin approach	BERAUDO, Andrea

H2 - Fundamental Symmetries and Interactions in Nuclei - Sala 4 (16:45-18:30)**Chairperson: Eberhard Widmann (Wien)**

time	[id] title	presenter
16:45	[212] [SY001] (I) High Precision Experiments with Cold and Ultra - Cold Neutrons	ABELE, Hartmut
17:10	[213] [SY025] First data from the measurement of the electric dipole moment of the neutron at PSI	KREMPEL, Jochen
17:25	[214] [SY049] Investigations of the charge symmetry breaking reaction $dd \rightarrow \alpha\pi^0$ with WASA-at-COSY experiment	ZUREK, Maria Katarzyna
17:40	[215] [SY047] Testing Lorentz invariance in β - decay	WILSCHUT, Hans SYTEMA, Auke
17:55	[216] [SY028] High-precision half-life and branching ratio measurements for superallowed Fermi β^+ emitters at TRIUMF-ISAC	LAFFOLEY, Alex
18:10	[217] [SY008] Precision Measurement of the $\pi^+ \rightarrow e^+ \nu$ Decay	DORIA, Luca

I2 - New Facilities and Instrumentation - Sala Verde (16:45-18:30)

Chairperson: Patrizia Rossi (Frascati)

time	[id] title	presenter
16:45	[162] [NF090] (I) The Facility for Rare Isotope Beams	BOLLEN, Georg THOENNESSEN, Michael
17:10	[163] [NF061] (I) ARIEL: TRIUMF's Advanced Rare IsotopE Laboratory	MERMINGA, Lia
17:35	[164] [NF018] (I) The 12 GeV Upgrade of CEBAF – a Status Report on Its Realization and Its Evolving Physics Program	CARDMAN, Lawrence S.
18:00	[165] [NF091] A new real-time detection system for heavy element research	TSYGANOV, Yuri
18:15	[166] [NF015] Tracking with Straw Tubes in the PANDA experiment	PYSZ, Krzysztof

Tuesday 04 June 2013

Plenary Session 3 - Auditorium (08:30-10:30)

Chairpersons: Sydney Gales (Orsay, France), Achim Richter (Darmstadt, Germany)

time	[id] title	presenter
08:30	[311] [PL002] Electromagnetic reactions and few-nucleon dynamics	BACCA, Sonia
09:00	[312] [PL003] Nuclear structure with gamma-ray tracking arrays	BAZZACCO, Dino
09:30	[313] [PL024] Direct reactions with exotic nuclei	OBERTELLI, Alexandre
10:00	[314] [PL021] EPJ A sponsored lecture: Nuclear physics from lattice simulations (http://epja.epj.org/)	MEISSNER, Ulf-G.

Plenary Session 4 - Auditorium (11:00-12:30)

Chairpersons: Luisa Cifarelli (Bologna, Italy), Hiroyoshi Sakurai (RIKEN, Japan)

time	[id] title	presenter
11:00	[315] [PL033] Ultra-relativistic heavy-ion collisions: a theoretical review	WANG, Xin-Nian
11:30	[316] [PL012] Probing sea quarks and gluons: the Electron-Ion Collider project	HORN, Tanja
12:00	[317] [PL022] World new facilities for radioactive ion beams	MOTOBAYASHI, Tohru

A3 - Nuclear Structure - Adua 1 (14:00-15:45)

Chairperson: Norbert Pietralla (Darmstadt)

time	[id] title	presenter
14:00	[94] [NS211] (I) Experimental results on the Pygmy Dipole Resonance	SAVRAN, Deniz
14:25	[95] [NS237] New Modes of Nuclear Excitations for Astrophysics	TSONEVA, Nadia
14:40	[96] [NS062] Theoretical studies of isovector soft dipole mode	EGOROVA, Irina
14:55	[97] [NS200] Low-lying dipole strength in exotic Ni isotopes	ROSSI, Dominic
15:10	[98] [NS037] Giant Dipole Resonance decay of hot rotating ^{88}Mo	CIEMALA, Michal
15:25	[99] [NS011] The No Core Gamow Shell Model for ab-initio Nuclear Structure Calculations	BARRETT, Bruce R.

B3 - Nuclear Structure - Adua 2 (14:00-15:45)

Chairperson: Mark Huyse (Leuven)

time	[id] title	presenter
14:00	[100] [NS177] (I) Isomers in heavy nuclei: structure and projectile fragmentation studies	PODOLYÁK, Zsolt

14:25	[101] [NS059] Deep inelastic reactions and isomers in neutron-rich nuclei across the perimeter of the $A = 180-190$ deformed region	DRACOULIS, George D.
14:40	[102] [NS074] Isomer and beta decay spectroscopy in the ^{132}Sn region with EURICA	JUNGCLAUS, Andrea
14:55	[103] [NS116] Overview of the Search for New Isotopes and New Isomers at RIKEN RI Beam Factory	KUBO, Toshiyuki
15:10	[104] [NS224] Investigation of high K states in ^{252}No and the new focal plane detector for S3	SULIGNANO, Barbara
15:25	[30] [NS035] Search for multi-quasiparticle isomers in ^{254}Rf	KONDEV, Filip G.

C3 - Nuclear Structure - Adua 4 (14:00-15:45)

Chairperson: Piet Van Duppen (Leuven)

time	[id] title	presenter
14:00	[106] [NS228] (I) Neutron Skin Thickness of ^{208}Pb and Constraints on Symmetry Energy	TAMII, Atsushi
14:25	[107] [NS111] Neutron skin thickness in the Skyrme EDF models	KORTELAINEN, Markus
14:40	[108] [NS093] Complete Spectroscopy of Negative Parity States in ^{208}Pb with $E_x \leq 6.5$ MeV	HEUSLER, Andreas
14:55	[109] [NS046] Complete E1 and spin-M1 response in nuclei from polarized proton scattering at zero degree	VON NEUMANN-COSEL, Peter
15:10	[110] [NS197] The Nuclear Symmetry Energy: constraints from Giant Resonances and Parity Violating Electron Scattering	ROCA-MAZA, Xavier
15:25	[111] [NS009] Effects of the Skyrme Tensor Force on the Spin-Isospin Excitations	BAI, Chun-Lin

D3 - Nuclear Reactions - Auditorium (14:00-15:45)

Chairperson: Angela Bonaccorso (Pisa)

time	[id] title	presenter
14:00	[65] [NR103] (I) Who plays in the Hoyle band?	KOKALOVA, Tzany
14:25	[66] [NR058] Pre-equilibrium α -particle emission as a probe to study α -clustering in nuclei	FOTINA, Olga V.
14:40	[67] [NR019] Search for rotational state of Hoyle state in complete kinematic experiment $^{12}\text{C}(\alpha, \alpha)3\alpha$	RANA, Tapan Kumar
14:55	[68] [NR182] Nucleon mean-free path in the medium	SOMÀ, Vittorio
15:10	[69] [NR012] Exploring the alpha cluster structure of nuclei using the thick target inverse kinematics technique for multiple alpha decays	BARBUI, Marina
15:25	[364] [NR105] ^8B production in the reaction $^6\text{Li}(^3\text{He}, n)^8\text{B}$ via neutron angular distribution measurement	CINAUSERO, Marco

E3 - Nuclear Astrophysics - Sala Onice (14:00-15:45)

Chairperson: Zsolt Fülöp (Debrecen)

time	[id] title	presenter
14:00	[235] [NA023] (I) Charged particle capture and elastic scattering experiments relevant to the astrophysical p-process	GYÜRKY, György
14:25	[236] [NA036] Proton-proton weak capture in chiral effective field theory	VIVIANI, Michele
14:40	[237] [NA006] Astrophysical S factor for the $^{17}\text{O}(p, \gamma)^{18}\text{F}$ reaction at Novae energy	CACIOLLI, Antonio MENEGAZZO, Roberto
14:55	[238] [NA007] Measurement of the $^{25}\text{Mg}(\alpha, n)^{28}\text{Si}$ reaction cross section at LNL	DEPALO, Rosanna
15:10	[239] [NA040] The nucleosynthesis of heavy elements in Stars: the key isotope ^{25}Mg	MASSIMI, Cristian
15:25	[365] [NS064] Stellar electron-capture rates on nuclei based on Skyrme functional	FANTINA, Anthea Francesca

F3 - Hadron Structure - Sala 9 (14:00-15:45)

Chairperson: Valeria Muccifora (Frascati)

time	[id] title	presenter
14:00	[262] [HS032] (I) Monte Carlo Approach to Fragmentation Functions Using the NJL-jet Model	MATEVOSYAN, Hrayr H.
14:25	[263] [HS030] Spin Density Matrix Elements in exclusive production of ω and ϕ mesons at Hermes	MARIANSKI, Bogdan
14:40	[264] [HS011] Gluon polarization and jet production at STAR	DJAWOTHO, Pibero
14:55	[265] [HS009] First measurement of the helicity dependence of ^3He photo-reactions in the $\Delta(1232)$ resonance region	COSTANZA, Susanna
15:10	[266] [HS003] Nucleon mass and pion-nucleon σ -term in the covariant baryon chiral perturbation theory	LEDWIG, Tim
15:25	[267] [HS033] Studies of the transverse structure of the nucleon at Jefferson Laboratory	MIRAZITA, Marco

G3 - Hot and Dense Nuclear Matter - Sala 4 (14:00-15:45)

Chairperson: Renato A. Ricci (Legnaro)

time	[id] title	presenter
14:00	[288] [HD046] (I) Review on flow and correlations	LACEY, Roy
14:40	[290] [HF029] Pseudorapidity density and anisotropic flow of charged particles over a wide pseudorapidity range in Pb+Pb collisions with the ALICE experiment at the LHC	GAARDHØJE, Jens Jørgen
14:55	[291] [HD032] Anisotropic collective flows in a kinetic transport theory at fixed $\eta/s(T)$	GRECO, Vincenzo
15:10	[292] [HD073] Correlations and flow measurements in PbPb and pPb collisions with CMS	SHARMA, Monika
15:25	[293] [HD078] Hadron Formation in Relativistic Nuclear Collisions and the QCD Phase Diagram	STOCK, Reinhard

H3 - Fundamental Symmetries and Interactions in Nuclei - Sala 101 (14:00-15:45)**Chairperson: Jean-Michel Poutissou (TRIUMF)**

time	[id] title	presenter
14:00	[218] [SY010] (I) Fundamental Symmetry Tests with the ALPHA Antihydrogen Trap	FUJIWARA, Makoto C.
14:25	[219] [SY009] Anti-proton and Anti-hydrogen Studies at ATRAP	ETTENAUER, Stephan
14:40	[220] [SY006] Prospects for electric-dipole-moment measurements in Radon	CHUPP, Thimoty
14:55	[221] [SY037] Final results of μp capture rate Λ_S and pseudoscalar coupling g_p	PETITJEAN, Claude Charles
15:10	[222] [SY041] Determination of the antiproton-to-electron mass ratio by two-photon laser spectroscopy of antiprotonic helium atoms	SóTÉR, Anna
15:25	[223] [SY007] Measurement of the hyperfine structure of antihydrogen	MALBRUNOT, Chloe

I3 - New Facilities and Instrumentation - Sala Verde (14:00-15:45)**Chairperson: Santo Lunardi (Padova)**

time	[id] title	presenter
14:00	[167] [NF080] (I) Studies of neutron-rich isotopes at the CARIBU facility	SAVARD, Guy
14:25	[168] [NF098] (I) The Status of RIB Facilities at IMP and Future - Project HIAF	XIAO, Guo Quing
14:50	[169] [NF048] (I) Perspectives and upgrade of ALICE at the LHC	KUHN, Christian
15:15	[170] [NF050] AFTER @ LHC: A Fixed-Target Experiment at the LHC	LANSBERG, Jean-Philippe
15:30	[171] [HD049] Small-x Physics in eA Collisions at the LHeC: Understanding the Initial State of Ultra-Relativistic Heavy Ion Collisions	ARMESTO, Néstor

A4 - Nuclear Structure - Adua 1 (16:15-18:00)**Chairperson: Pier Giorgio Bizzeti (Firenze)**

time	[id] title	presenter
16:15	[135] [NS148] (I) Laser spectroscopy - optical probes for radioactive nuclei	MOORE, Iain D.
16:40	[113] [NS172] Microscopic mean field approximation and beyond with the Gogny force	PERU, Sophie
16:55	[114] [NS218] High Resolution $^{148}\text{Nd}(^3\text{He}, n\gamma)$ Two Proton Stripping Reaction and the structure of the 0_2^+ State in ^{150}Sm	SHARPEY-SCHAFFER, John F.
17:10	[115] [NS142] Nuclear pairing from realistic forces: singlet channels and higher partial waves	FINELLI, Paolo
17:25	[116] [NS016] Lifetime measurement and decay spectroscopy of ^{132}I	BHATTACHARYYA, Sarmishtha
17:40	[117] [NS264] Nuclear magnetic and antimagnetic rotation in covariant density functional theory	ZHAO, Peng-Wei

B4 - Nuclear Structure - Adua 2 (16:15-18:00)

Chairperson: Dario Vretenar (Zagreb)

time	[id] title	presenter
16:15	[118] [NS167] (I) Probing the neutron skin thickness in collective modes of excitation	PAAR, Nils
16:40	[119] [NS191] Single-Particle Strength in the Odd, Neutron-Rich Ni Isotopes	RECCHIA, Francesco
16:55	[120] [NS129] Nuclear charge-exchange excitations in localized covariant density functional theory	LIANG, Hao-Zhao
17:10	[122] [NS073] The evolving structure of the Cd isotopes	GARRETT, Paul
17:25	[366] [NS146] Collectivity in neutron-rich Co and Mn isotopes going towards $N = 40$	MODAMIO, Victor
17:40	[370] [NS181] Microscopic approach to the structure of superheavy nuclei	PRASSA, Vaia

C4 - Nuclear Reactions - Auditorium (16:15-18:00)**Chairperson: Marie-France Rivet (Orsay)**

time	[id] title	presenter
16:15	[70] [NR074] (I) In-Medium Effects and Low Density Nuclear Matter	HAGEL, Kris
16:40	[71] [NR123] Nuclear stopping for heavy ions induced reactions in the Fermi energy range: from 1-body to 2-body dissipation	LOPEZ, Olivier
16:55	[72] [NR043] The Liège Intranuclear Cascade model. Towards a unified description of nuclear reactions induced by nucleons and light ions from a few MeV to a few GeV	CUGNON, Joseph
17:10	[73] [NR201] Dynamics of the collinear ternary fission decay	VON OERTZEN, Wolfram
17:25	[74] [NR208] Symmetry Energy Dependence of Light Fragment Production in Heavy Ion Collisions	WOLTER, Hermann H.
17:40	[75] [NR163] Ab initio many-body calculations of d -nucleus collision and (d,p) transfer reaction	RAIMONDI, Francesco

D4 - Nuclear Reactions - Sala Verde (16:15-18:00)**Chairperson: Juris Peteris Svenne (Winnipeg)**

time	[id] title	presenter
16:15	[76] [NR078] (I) Results from single-neutron adding reactions on light neutron-rich nuclei with HELIOS	HOFFMAN, Calem R.
16:40	[77] [NR051] Probing the semi-magicity of ^{68}Ni via the $^3\text{H}(^{66}\text{Ni}, ^{68}\text{Ni})^1\text{H}$ and $^2\text{H}(^{66}\text{Ni}, ^{67}\text{Ni})^1\text{H}$ transfer reactions in inverse kinematics	ELSEVIERS, Jytte
16:55	[78] [NR193] Non-locality in the adiabatic model of (d,p) reactions	TIMOFEYUK, Natalia K.
17:10	[79] [NR203] First EXL experiment with radioactive beam: Proton scattering on ^{56}Ni	VON SCHMID, Mirko
17:25	[80] [NR031] Light exotic nuclei transfer reactions with CHIMERA detector at LNS	CARDELLA, Giuseppe
17:40	[81] [NR175] Complete Set of Deuteron Analyzing Powers for dp Elastic Scattering at Intermediate Energies and Three Nucleon Forces	SEKIGUCHI, Kimiko

E4 - Nuclear Astrophysics - Sala Onice (16:15-18:00)**Chairperson: Claudio Spitaleri (Catania)**

time	[id] title	presenter
16:15	[241] [NA047] (I) Improving predictions from nova models through nuclear physics measurements	PARIKH, Anuj
16:40	[242] [NA065] (I) New Neutrino-Nucleus Reaction Cross Sections at Solar, Reactor and Supernova Neutrino Energies	SUZUKI, Toshio
17:05	[243] [NA060] Precise study of the supernova reaction $^{40}\text{Ca}(\alpha,\gamma)^{44}\text{Ti}$ by activation and in-beam γ -spectroscopy	SCHMIDT, Konrad
17:20	[228] [NA021] New Determination of the $^{13}\text{C}(\alpha,n)^{16}\text{O}$ reaction rate and its influence on the s-process nucleosynthesis in AGB stars	LIU, Wei Ping
17:35	[233] [NA028] Measurement of the - 3keV resonance in the $^{13}\text{C}(\alpha,n)^{16}\text{O}$ reaction and its influence on the synthesis of $A > 90$ nuclei	LA COGNATA, Marco

F4 - Hadron Structure and Hadrons in Nuclei - Sala 9 (16:15-18:00)**Chairperson: Jochen Wambach (Darmstadt)**

time	[id] title	presenter
16:15	[273] [HN022] (I) RIKEN's activity at J-PARC Hadron Hall	IWASAKI, Masahiko
16:40	[274] [HD052] (I) Detecting the Anti-helium 4 and anti-hypertriton from the RHIC	MA, Yu-Gang
17:05	[275] [HN006] (I) Unveiling the strangeness secrets: low-energy kaon - nucleon/nuclei interaction studies at DAΦNE	CURCEANU, Catalina
17:30	[276] [HS007] Dalitz plot analysis for $\eta \rightarrow \pi^+ \pi^- \pi^0$ at KLOE	CALDEIRA BALKESTÅHL, Li
17:45	[329] [HN016] High-Resolution Hypernuclear Spectroscopy at JLab Hall A. Results and perspectives	GARIBALDI, Franco

G4 - Hot and Dense Nuclear Matter - Sala 4 (16:15-18:00)**Chairperson: Joachim Stroth (Frankfurt)**

time	[id] title	presenter
16:15	[294] [HD028] (I) Anisotropic hydrodynamics	FLORKOWSKI, Wojciech
16:40	[295] [HD010] (I) Recent results on transport models	BLEICHER, Marcus
17:05	[296] [HD019] (I) Review of Recent Results in Heavy Ion Fluid Dynamics	CSERNAI, Laszlo
17:30	[297] [HD063] Di-electron measurements with Hadron Blind Detector in the PHENIX experiment at RHIC	RAVINOVICH, Iliia
17:45	[298] [HD047] Anomalous Transport: Kubo Formulae and Fluid/Gravity Correspondence	MEGÍAS, Eugenio

H4 - Nuclear Physics Based Applications - Adua 4 (16:15-18:00)

Chairperson: Laszlo Sajo-Bohus (Caracas)

time	[id] title	presenter
16:15	[182] [AP040] (I) Fukushima Nuclear Power Plant Accident And Nuclear Physicists	OTSUKA, Takaharu
16:40	[183] [AP036] (I) Applications of Atom Trap Trace Analysis in the Earth Sciences	MUELLER, Peter
17:05	[184] [AP004] (I) Proton Computed Tomography system: recent results and upgrade status	BRUZZI, Mara
17:30	[185] [AP052] Nuclear techniques for studying soft matter at ISOLDE/CERN	STACHURA, Monika Kinga
17:45	[186] [AP038] Nuclear - related techniques at LABEC for the analysis of atmospheric aerosols	NAVA, Silvia

I4 - Neutrinos and Nuclei - Sala 101 (16:15-18:00)**Chairperson: Giovanni Fiorentini (Legnaro)**

time	[id] title	presenter
16:15	[197] [NN016] (I) Search for neutrinoless double beta decay in ^{124}Sn	NANAL, Vandana
16:40	[198] [NN001] (I) Status and Results from the EXO Collaboration	ALBERT, Joshua
17:05	[199] [NN003] The MINERvA Neutrino Experiment at Fermilab	BRAVAR, Alessandro
17:20	[200] [NN020] CANDLES - Search for neutrino-less double beta decay of ^{48}Ca	UMEHARA, Sahori
17:35	[201] [NN018] Properties of neutrinoless double beta decay nuclear matrix elements studied along isotopic chains	RODRIGUEZ, Tomas

Poster session - Passi perduti (18:00-20:00)

Wednesday 05 June 2013

Plenary Session 5 - Auditorium (08:30-10:30)

Chairpersons: *Witold Nazarewicz (Oak Ridge, USA), Horst Stöcker (GSI, Germany)*

time	[id] title	presenter
08:30	[318] [PL020] Chiral effective field theory for nuclear forces: achievements and challenges	MACHLEIDT, Ruprecht
09:00	[319] [PL009] Exploring nuclear structure with deep-inelastic heavy-ion collisions	FORNAL, Bogdan
09:30	[320] [PL013] Recent developments in the understanding of explosive H-burning and the rp-process path: classical novae and type I X-ray bursts	JOSé, Jordi
10:00	[321] [PL015] Cluster formation and breaking, and cluster excitation in light nuclei	KANADA-EN'YO, Yoshiko

Plenary Session 6 - Auditorium (11:00-11:30)

Chairperson: *Jie Meng (Beijing, China)*

time	[id] title	presenter
11:00	[322] [PL004] Imaging devices for medicine and security	BOSTON, Andrew

IUPAP prize awards - Auditorium (11:30-13:00)

Chairperson: *Hideyuki Sakai (RIKEN, Japan)*

time	[id] title	presenter
11:30	[352] 1st IUPAP young scientist award	
12:00	[353] 2nd IUPAP young scientist award	
12:30	[354] 3rd IUPAP young scientist award	

Thursday 06 June 2013

Plenary Session 7 - Auditorium (08:30-10:30)

Chairpersons: *Karlheinz Langanke (GSI, Germany), Eugenio Nappi (Bari, Italy),*

time	[id] title	presenter
08:30	[323] [PL008] Kaon and anti-kaon nuclear physics	FABBIETTI, Laura
09:00	[324] [PL023] Strange light nuclei	NAKAMURA, Satoshi
09:30	[325] [PL016] Lattice QCD and the phase diagram of strong interaction matter	KARSCH, Frithjof
10:00	[326] [PL017] Recent progress in EDF-based methods applied to nuclear properties	KHAN, Elias

Plenary Session 8 - Auditorium (11:00-13:00)

Chairpersons: *Philippe Chomaz (Saclay, France), Muhsin Harakeh (Groningen, The Netherlands)*

time	[id] title	presenter
11:00	[339] [PL025] New horizons in ab initio nuclear structure theory	ROTH, Robert
11:30	[340] [PL014] Three-nucleon forces and their importance in three-nucleon systems and heavier nuclei	KALANTAR-NAYESTANAKI, Nasser
12:00	[341] [PL030] Neutron star masses, radii, and the equation of state of dense matter	STEINER, Andrew
12:30	[342] [PL032] Probing the nuclear equation-of-state and the symmetry energy with heavy-ion collisions	VERDE, Giuseppe

A5 - Nuclear Structure - Adua 1 (14:30-16:15)

Chairperson: *Rauno Julin (Jyväskylä)*

time	[id] title	presenter
14:30	[123] [NS090] (I) Exploring the stability of super heavy elements	LOPEZ-MARTENS, Waely
14:55	[124] [NS005] Impact of nuclear structure on production and identification of superheavy nuclei	ANTONENKO, Nikolai
15:10	[125] [NS092] Nuclear Structure of the Heaviest Elements Investigated at SHIP - GSI	HESSBERGER, Fritz P.
15:25	[126] [NS158] Study of the properties of the superheavy nucleus $Z = 117$ produced in the $^{249}\text{Bk} + ^{48}\text{Ca}$ reaction	VOINOV, Alexey
15:40	[127] [NS060] Superheavy Elements studied with TASCA at GSI	DÜLLMANN, Christof E.
15:55	[128] [NS066] Spectroscopy of Element 115 Decay Chains	FORSBERG, Ulrika

B5 - Nuclear Structure - Adua 2 (14:30-16:15)

Chairperson: *Faical Azaiez (Orsay)*

time	[id] title	presenter
14:30	[35] [NS214] (I) Nuclear structure and reaction studies with exotic nuclei at FRS-ESR	SCHEIDENBERGER, Christoph
14:55	[130] [NS165] Neutron single-particle energies near ^{78}Ni : low-lying states in ^{79}Zn studied via single-nucleon transfer	ORLANDI, Riccardo
15:10	[131] [NS223] The Continuum time-dependent Hartree-Fock method for giant resonances	STEVENSON, Paul
15:25	[132] [NS164] Evidence of tensor interactions in ^{16}O observed via (p,d) reaction	ONG, Hooi Jin
15:40	[133] [NS135] Probing core polarization around ^{78}Ni : intermediate energy Coulomb excitation of ^{74}Ni	MARCHI, Tommaso
15:55	[134] [NS033] Isospin mixing at finite temperature in ^{80}Zr	CERUTI, Simone

C5 - Nuclear Reactions - Auditorium (14:30-16:15)

Chairperson: Nicolas Alamanos (Saclay)

time	[id] title	presenter
14:30	[82] [NR162] (I) Reactions with exotic nuclei and active targets	RAABE, Riccardo
14:55	[83] [NR161] Study of reactions induced by ^6He	PIRES, Kelly C.
15:10	[84] [NR033] Evidence of correlated 2n transfer in the $^{12}\text{C}(^{18}\text{O}, ^{16}\text{O})^{14}\text{C}$ reaction	CAVALLARO, Manuela
15:25	[85] [NR046] Elastic and break-up of the 1n-halo ^{11}Be nucleus.	DI PIETRO, Alessia
15:40	[86] [NR191] Scattering of light halo nuclei on heavy target at energies around the Coulomb barrier	TENGBLAD, Olof
15:55	[87] [NR133] Transfer vs. Breakup in the interaction of the ^7Be Radioactive Ion Beam on a ^{58}Ni target at Coulomb barrier energies	MAZZOCCO, Marco

D5 - Nuclear Reactions - Sala Verde (14:30-16:15)

Chairperson: Thomas Nilsson (Göteborg)

time	[id] title	presenter
14:30	[88] [NR057] (I) Ab initio approach to the structure and reactions of light nuclei	FORSSÉN, Christian
14:55	[89] [NR207] Three-nucleon reactions with chiral dynamics	WITALA, Henryk
15:10	[90] [NR008] Study of pairing in light nuclei and clusterization through nuclear break - up.	ASSIÉ, Marlène
15:25	[91] [NR146] Quasi-free proton and neutron knock-out from ^{20}O	NAJAFI, Mohammad Ali
15:40	[92] [NR072] Advances and prospects in the theoretical studies of few-body decays	GRIGORENKO, Leonid
15:55	[93] [NR210] Evolution of Single-Particle Energies for N=9 Nuclei at Large N/Z	WUOSMAA, Alan

E5 - Nuclear Astrophysics - Sala Onice (14:30-16:15)

Chairperson: Achim Schwenk (Darmstadt)

time	[id] title	presenter
14:30	[245] [NA064] (I) Nuclear data and rapid neutron capture nucleosynthesis	SURNAM, Rebecca
14:55	[248] [NA041] The lifetime of the 6.79 MeV state in ^{15}O as a challenge for nuclear astrophysics and γ -ray spectroscopy: a new DSAM measurement with the AGATA Demonstrator array	MICHELAGNOLI, Caterina
15:10	[247] [NA031] Measurement of astrophysically important excitation energies of ^{58}Zn with GRETINA	LANGER, Christoph
15:25	[246] [NA070] Studies on alpha - induced astrophysical reactions using the low - energy RI beam separator CRIB	YAMAGUCHI, Hidetoshi
15:40	[249] [NA035] β -decay properties of fission fragments in the r-process path	MADURGA FLORES, Miguel
15:55	[250] [NA032] Low-energy enhancement of nuclear gamma-strength and its impact on astrophysical reaction rates	LARSEN, Ann-Cecilie

F5 - Hadrons in Nuclei - Sala 9 (14:30-16:15)**Chairperson: Hong Shen (Tianjin)**

time	[id] title	presenter
14:30	[327] [HN045] (I) Formation of strange dibaryon X(2265) in $p + p \rightarrow K^+ + X$ reaction at $T_p = 2.5$ and 2.85 GeV	SUZUKI, Ken
14:55	[328] [HN024] Search for the η -mesic ^4He with WASA-at-COSY	KRZEMIEN, Wojciech
15:10	[277] [HN031] First measurement of low momentum dielectrons radiated off cold nuclear matter	LORENZ, Manuel
15:25	[330] [HN030] Shape evolution of Ne isotopes and Ne hypernuclei: The interplay of pairing and tensor interactions	LI, Ang
15:40	[331] [HN018] A search for the K^-pp bound state in the $^3\text{He}(\text{inflight-}K^-,n)$ reaction at J-PARC	HASHIMOTO, Tadashi
15:55	[332] [HN034] Calculations of K^- nuclear quasi-bound states using chiral K^-N amplitudes	MARES, Jiri

G5 - Hot and Dense Nuclear Matter - Sala 4 (14:30-16:15)**Chairperson: Xin-Nian Wang (Berkeley)**

time	[id] title	presenter
14:30	[299] [HD058] (I) In-medium hadron properties measured with HADES	PIETRASZKO, Jerzy
14:55	[281] [HD003] Recent heavy ion results from the ATLAS experiment	STEINBERG, Peter
15:10	[301] [HD020] Measurement of inclusive and recoil jets in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE at the LHC	CUNQUEIRO, Leticia
15:25	[302] [HD072] Exploring dense baryonic matter with the CBM experiment at FAIR	STURM, Christian
15:40	[303] [HD051] First results from proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV measured with ALICE	LOIZIDES, Constantin
15:55	[304] [HD033] From microscopic interactions to the dynamics of the fireball	GREINER, Carsten

H5 - Nuclear Physics Based Applications - Sala 101 (14:30-16:15)**Chairperson: Franco Lucrelli (Firenze)**

time	[id] title	presenter
14:30	[187] [AP044] (I) Nuclear-physics applications of MYRRHA	POPESCU, Lucia
14:55	[188] [AP029] (I) New isotopes for medical applications	KÖSTER, Ulli
15:20	[189] [AP031] (I) Measurement of ^{136}Ce , ^{156}Dy and ^{168}Yb Thermal Neutron Capture Cross Sections	LEE, Jeong-Yeon
15:45	[190] [AP026] A Prototype Scintillating - Fibre Tracker for the Cosmic - Ray Muon Tomography of Legacy Nuclear Waste Containers	KAISER, Ralf
16:00	[191] [AP037] ^{99}Mo production via ^{100}Mo (n,2n) ^{99}Mo using accelerator neutrons	NAGAI, Yasuki

I5 - New Facilities and Instrumentation - Adua 4 (14:30-16:15)**Chairperson: Giacomo Poggi (Firenze)**

time	[id] title	presenter
14:30	[172] [NF014] (I) The european FAZIA initiative: a high performance digital telescope array for heavy ion studies	CASINI, Giovanni
14:55	[173] [NF053] (I) GRETINA results from physics campaign at NSCL	LEE, I-Yang
15:20	[174] [NF027] (I) The AGATA Demonstrator at LNL	MENGONI, Daniele
15:45	[175] [NF078] MARA recoil-mass separator at JYFL – status, instrumentation and performance modelling	SARÉN, Jan
16:00	[176] [NF017] Characterization of Large Volume 3.5" x 8" $\text{LaBr}_3:\text{Ce}$ Detectors for the HECTOR ⁺ array	CAMERA, Franco

A6 - Nuclear Structure - Adua 1 (16:45-18:30)**Chairperson: Adam Maj (Kracow)**

time	[id] title	presenter
16:45	[112] [NS112] (I) Mass measurements at ISOLDE	KOWALSKA, Magda
17:10	[26] [NS013] Beta-decay spectroscopy towards the r-process path	BENZONI, Giovanna
17:25	[137] [NS012] Shape coexistence and charge radii in thallium, gold and astatine isotopes studied by in-source laser spectroscopy at RILIS-ISOLDE	BARZAKH, Anatoly
17:40	[138] [NS243] Laser-assisted decay spectroscopy of neutron-deficient Tl isotopes at CERN ISOLDE	VAN BEVEREN, Celine
17:55	[139] [NS038] Shape coexistence in neutron-rich Sr and Kr isotopes: Prompt spectroscopy after Coulomb excitation at REX-ISOLDE, CERN and after neutron induced fission of ^{235}U at ILL	CLÉMENT, Emmanuel
18:10	[359] [NS043] Giant dipole resonance in highly excited nuclei	DANG, Nguyen Dinh

B6 - Nuclear Structure - Adua 2 (16:45-18:30)

Chairperson: Claes Fahlander (Lund)

time	[id] title	presenter
16:45	[140] [NS249] (I) Mass measurements of short-lived nuclei at HIRFL-CSR	WANG, Meng
17:10	[141] [NS006] The 2012 Atomic Mass Evaluation and the Mass Tables	AUDI, Georges WANG, Meng
17:25	[142] [NS192] The onset of triaxiality in neutron-rich rhenium isotopes	REED, Matthew
17:40	[143] [NS010] Three-Nucleon Forces in Exotic Open-Shell Isotopes	BARBIERI, Carlo SOMÀ, Vittorio
17:55	[144] [NS096] Tensor correlations probed by electroweak responses	HORIUCHI, Wataru
18:10	[244] [NA062] Three-nucleon forces and neutron-rich matter	SCHWENK, Achim

C6 - Nuclear Reactions - Auditorium (16:45-18:30)**Chairperson: Bao-An Li (Texas A&M)**

time	[id] title	presenter
16:45	[145] [NR124] (I) Probing the EoS of Neutron-rich Matter	LYNCH, William
17:10	[146] [NR066] Probing the symmetry energy at low density using observables from neck fragmentation mechanism	DE FILIPPO, Enrico
17:25	[147] [NR086] Fission dynamics of superheavy compound nuclei	IWATA, Yoritaka
17:40	[148] [NR213] N/Z Dependence of the Nuclear Caloric Curve	YENNELLO, Sherry
17:55	[371] [NS041] Study of the γ decay of high-lying states in ^{208}Pb via inelastic scattering of ^{17}O ions	CRESPI, Fabio
18:10	[150] [NR170] The ASY-EOS experiment at GSI: investigating symmetry energy at supra-saturation densities	RUSSOTTO, Paolo

D6 - Nuclear Reactions - Sala Verde (16:45-18:30)**Chairperson: Alinka Lepine-Szily (Sao Paulo)**

time	[id] title	presenter
16:45	[151] [NR011] (I) Collective features of nuclear dynamics with exotic nuclei within microscopic transport models	BARAN, Virgil
17:10	[156] [NR158] Investigation of the Dynamical Dipole Mode in the $^{40,48}\text{Ca} + ^{152,144}\text{Sm}$ fusion- evaporation and fission reactions at 11 MeV/nucleon	PARASCANDOLO, Concetta
17:25	[153] [NR081] Fusion studies of low-intensity radioactive beams using an active-target time projection chamber	HOWARD, Alan M.
17:40	[154] [NR114] Decay competition for IMF produced in the collisions $^{78}\text{Kr} + ^{40}\text{Ca}$ and $^{86}\text{Kr} + ^{48}\text{Ca}$ at 10 A.MeV	LA COMMARA, Marco
17:55	[155] [NR148] Study of heavy-ion induced fission for heavy-element synthesis	NISHIO, Katsuhisa
18:10	[62] [NR211] Charge Changing Interactions Probe Point - Proton Radii of Nuclei	YAMAGUCHI, Takayuki

E6 - Hadron Structure - Sala Onice (16:45-18:30)

Chairperson: Wooyoung Kim (Kyungpook National University, Korea)

time	[id] title	presenter
16:45	[268] [HS051] (I) Short-range correlations of partons, and 3D nucleon structure	SCHWEITZER, Peter
17:10	[269] [HS020] (I) Generalized Parton Distributions: a general unifying tool for exploring the internal structure of hadrons	GUIDAL, Michel
17:35	[270] [HS031] (I) Transverse spin and transverse momentum structure of the nucleon from the COMPASS experiment	SOZZI, Federica
18:00	[271] [HS045] New Extraction of the Flavor Decomposition of the Nucleon Electromagnetic Form Factors	QATTAN, Issam
18:15	[272] [HS044] The Proton Form Factor Ratio Measurements at Jefferson Lab	PUNJABI, Vina

F6 - Hadrons in Nuclei - Sala 9 (16:45-18:35)**Chairperson: Ulrich Mosel (Giessen)**

time	[id] title	presenter
16:45	[333] [HN010] (I) Light nuclei and hyper-nuclei from lattice QCD	DETMOLD, William
17:10	[334] [HN005] (I) Neutron-rich Λ -Hypernuclei study with the FINUDA experiment	BOTTA, Elena
17:35	[335] [HN044] Study on ${}^6_{\Lambda}\text{H}$ hypernucleus by the (π^-, K^+) reaction at J-PARC	SUGIMURA, Hitoshi
17:50	[336] [HN015] Neutron-rich hypernuclei beyond ${}^6_{\Lambda}\text{H}$	GAL, Avraham
18:05	[337] [HN046] Missing Mass Spectroscopy of η' Mesic Nuclei with (p,d) Reaction at GSI	TANAKA, Yoshiki K.
18:20	[338] [HN038] The first precision measurement of deeply bound pionic states in ${}^{121}\text{Sn}$	NISHI, Takahiro

G6 - Neutrinos and Nuclei - Sala 4 (16:45-18:30)**Chairperson: Mauro Taiuti (Genova)**

time	[id] title	presenter
16:45	[202] [NN009] (I) Measurements of 2ν -double-beta decay matrix elements: some surprises in nuclear physics	FREKERS, Dieter
17:10	[203] [NN019] (I) Rare weak decays and nuclear structure	SUHONEN, Juoni
17:35	[204] [NN010] (I) Low-energy neutrino and other weak reactions in nuclei	GAZIT, Doron
18:00	[205] [NN004] Search for resonant double-electron capture	ELISEEV, Sergey
18:15	[206] [NN022] Status of the GERDA double beta decay experiment	ZUBER, Kai

H6 - Nuclear Physics Based Applications - Sala 101 (16:45-18:30)**Chairperson: Massimo Chiari (Firenze)**

time	[id] title	presenter
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16:45	[192] [AP060] (I) Bio-Medical and Plant Biology Imaging Tools Derived from Nuclear Physics Detector Development	WEISENBERGER, Andrew
17:10	[193] [AP035] (I) Nuclear microprobes in biomedicine and environment: technical developments and applications	MORETTO, Philippe
17:35	[194] [AP042] (I) Nuclear fragmentation measurements for hadrontherapy	PATERA, Vincenzo
18:00	[195] [AP047] Simulation toolkit with CMOS detector in the framework of hadrontherapy	RESCIGNO, Regina
18:15	[196] [AP010] Fragmentation cross sections at intermediate energies for Hadrontherapy and Space radiation protection	DE NAPOLI, Marzio

I6 - New Facilities and Instrumentation - Adua 4 (16:45-18:30)

Chairperson: Fabiana Gramegna (Legnaro)

time	[id] title	presenter
16:45	[177] [NF013] (I) ISOLDE upgrade: HIE-ISOLDE	BORGE, Maria
17:10	[178] [NF073] (I) The SPES project at the INFN- Laboratori Nazionali di Legnaro	PRETE, Gianfranco
17:35	[179] [NF085] (I) Progress of the New International Facility FAIR	ROSNER, Guenther
18:00	[180] [NF028] Laser Spectroscopy of RI atoms stopped in Superfluid Helium	FURUKAWA, Takeshi
18:15	[181] [NF089] Development of a Compton Camera for Online Range Monitoring of Laser-Accelerated Proton Beams via Prompt-Gamma Detection	THIROLF, Peter

Friday 07 June 2013

Plenary Session 9 - Auditorium (08:30-10:30)

Chairpersons: Susan Seestrom (Los Alamos, USA), Donald Geesaman (Argonne, USA)

time	[id] title	presenter
08:30	[343] [PL005] Many-body quantum reaction dynamics near the fusion barrier	DASGUPTA, Mahananda
09:00	[344] [PL027] Nuclear astrophysics of stellar explosions and neutron stars, and new opportunities at FRIB@MSU	SCHATZ, Hendrick
09:30	[345] [PL026] Neutron beta decay as a probe of weak interactions	SAUNDERS, Alexander
10:00	[346] [PL019] EPJ Plus sponsored lecture: Nuclear physics and the development of new systems for energy production and waste transmutation (http://epjplus.epj.org/)	LERAY, Sylvie

Plenary Session 10 - Auditorium (11:00-12:30)

Chairpersons: Johanna Stachel (Heidelberg, Germany), Angela Bracco (Milano, Italy)

time	[id] title	presenter
11:00	[347] [PL018] Results on neutrino oscillations from reactor experiments	KIM, Soo-Bong
11:30	[348] [PL031] Recent results from heavy ion collisions at RHIC	ULLRICH, Thomas
12:00	[349] [PL011] Recent results from heavy ion collisions at the LHC	GIUBELLINO, Paolo

Closing Session - Auditorium (12:30-13:30)

Chairperson: Pier Andrea Mandò (Firenze, Italy)

time	[id] title	presenter
12:30	[355] Conference Awards for Best Oral and Poster Presentations	
12:50	[356] Award of the IBA-Europhysics Prize in Applied Nuclear Science and Nuclear Methods in Medicine	
13:10	[361] Announcement of INPC2016	
13:15	[369] Closing of INPC2013	