

# **Giornata di presentazione del Dottorato in Fisica**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **PhD In Physics: general presentation**

*Monday, 15 May 2017 16:00 (30 minutes)*

**Presenter:** LANCERI, Livio (TS)

Contribution ID: 1

Type: **not specified**

## **The exciting world of 2D Materials**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 2

Type: **not specified**

## **Exploring novel materials for future electronic devices. Multi technique approach for the synthesis and characterization of 2D TMDCs**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 3

Type: **not specified**

## **A size-selected nanocluster source for synchrotron radiation studies**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 4

Type: **not specified**

## **Strong electron correlations in low-dimensional systems. Experiments**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 5

Type: **not specified**

## **Graphene on Ni(100): coexistence of different moiré patterns at a symmetry-mismatched interface**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 6

Type: **not specified**

## **Tunable UV Resonant Raman Scattering Facility at Elettra, a Platform for Material Science**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics



Contribution ID: 7

Type: **not specified**

## **Unexplored sub-picosecond dynamics in matter under extreme conditions**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 8

Type: **not specified**

# Quantum state tomography applied to time resolved spectroscopy

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 9

Type: **not specified**

## Galactic Archaeology

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics

Contribution ID: **10**

Type: **not specified**

# **Modeling the chemical evolution of the Milky Way disk**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics

Contribution ID: 11

Type: **not specified**

## **Cosmological Simulations of galaxy clusters in the Exascale era**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics

Contribution ID: 12

Type: **not specified**

## **Non-linear optics at short wavelenghts**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 13

Type: **not specified**

## Quantum Mechanics

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Theoretical Physics

Contribution ID: 14

Type: **not specified**

## **Dust in the ISM: evolution in DLA systems, irregular and spiral galaxies**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics



Contribution ID: 15

Type: **not specified**

## **Entropy production under non-Markovian dynamical maps**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Theoretical Physics

Contribution ID: 16

Type: **not specified**

## **Phase (like) Transitions in Active Driven Systems**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Theoretical Physics

Contribution ID: 17

Type: **not specified**

## **Coherent Diffraction Imaging to study ultrafast demagnetization**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: **18**

Type: **not specified**

## **PVLAS –Search for the Polarization of Vacuum with LASer light**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: 19

Type: **not specified**

## **VBL (Virtual Biophysics Laboratory), the biophysics of tumors and more**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: 20

Type: **not specified**

## **FAMU: high precision measurement of the muonic hydrogen hyperfine splitting**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: **21**

Type: **not specified**

## **CAST e KWISP**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: 22

Type: **not specified**

## Compact Muon Solenoid

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics



Contribution ID: 23

Type: **not specified**

## **Hadron structure studies in a single-polarised Drell–Yan process at COMPASS**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: 24

Type: **not specified**

## **Gamma Ray Bursts**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: 25

Type: **not specified**

## **Science with ESPRESSO**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics

Contribution ID: 26

Type: **not specified**

## **Cosmology & galaxy clusters**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics

Contribution ID: 27

Type: **not specified**

# Theoretical Models of Galaxy Formation and Evolution

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics

Contribution ID: 28

Type: **not specified**

## **Mapping large scale structure with EUCLID**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics

Contribution ID: 29

Type: **not specified**

## **BelleII - The Science**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: **30**

Type: **not specified**

## **BelleII - Opportunities**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics



Contribution ID: **31**

Type: **not specified**

## **Chemical evolution of elliptical galaxies**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Astrophysics

Contribution ID: 32

Type: **not specified**

## **Biophysics and beyond @ SISSI - PhD Opportunities**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 33

Type: **not specified**

## **ALICE activities in Trieste**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: 34

Type: **not specified**

## **Iron Phthalocyanine on ultrathin alumina template**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 35

Type: **not specified**

## **Surface Structure and Reactivity by STM**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: 36

Type: **not specified**

## **Study of the fragmentation process of a transversely polarized quark**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: 37

Type: **not specified**

# Theoretical and Computational Condensed Matter Physics

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics

Contribution ID: **38**

Type: **not specified**

## **Ultrafast Optic/Magnetic Phase Control of Matter @FERMI**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Condensed Matter Physics



Contribution ID: 39

Type: **not specified**

# **The novel photon detectors based on MPGD technologies for the upgrade of COMPASS RICH 1**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics

Contribution ID: 40

Type: **not specified**

## **The GAPS experiment for Dark Matter exploration**

*Monday, 15 May 2017 16:30 (2 hours)*

**Session Classification:** Nuclear, Particle and Astroparticle Physics