

# University of Trieste -- PhD in Physics

## End of XXX Cycle Seminars

**Note:** The seminars will last 35+15 min (including discussion)

### Friday February 2, 2018 – Nuclear, Particle and Astroparticle Physics

#### Aula A – Dipartimento di Fisica

09:00 Miljenko Suljic: *Study of Monolithic Active Pixel Sensors for the Upgrade of the ALICE Inner Tracking System.*

09:50 Paola Battaglia: *The Euclid Space Mission: development of end-to-end simulator software tools aimed at improving the wavelength calibration of NISP instrument spectroscopic data.*

Coffee break

11:00 Alessio Berti: *Study of astrophysical transients with the MAGIC telescopes.*

### Monday February 5, 2018 – Astrophysics

#### Aula A – Dipartimento di Fisica

09:00 Manuel Colavincenzo: *Covariance Matrix estimator for the statistics of Galaxy clustering.*

09:50 Lorenzo Gioannini: *Dust across galaxies.*

Coffee break

11:00 Matteo Pinamonti: *Detection and Orbital Architecture Characterization of Planetary Systems around Cool Stars.*

11:50 Anna Zoldan: *On the Role of Cold Gas in Galaxy Evolution.*

### Tuesday February 6, 2018 – Condensed Matter and Theoretical Physics

#### Aula A – Dipartimento di Fisica

09:00 Matteo Carlesso: *Open Quantum System Dynamics: Applications to Decoherence and Collapse models.*

09:50 Stefano Marcantoni: *On the non-equilibrium thermodynamics of quantum systems.*

Coffee break

11:00 Harsh Vardhan Bana: *Growth of two-dimensional materials and Investigation of their structural and electronic properties.*



UNIVERSITÀ  
DEGLI STUDI DI TRIESTE

