

# Programme of the 2021 Astroparticle Physics PhD Defenses

ROOM 128/129

Sept 16

**h. 9.30** - PhD defense candidate: **Alexandru Dima**

“Testing the gravitational phenomenology of compact objects: superradiance, scalarization and screening mechanisms”

Supervisors: Prof. Barausse

External referees: Prof. Leonardo Gualtieri (Univ. La Sapienza, Roma), Prof. Diego Blas (IFAE, Barcelona, Spain)

**h. 11.15** - PhD defense candidate: **Pavel Novichkov**

“Aspects of the Modular Symmetry Approach to Lepton Flavour”

Supervisor: Prof. Petcov

External referees: Prof. Ferruccio Feruglio (Padova University), Prof. G.-J. Ding (Interdisciplinary Center for Theoretical Study and Department of Modern Physics, Hefei, China)

**h.14.15** - PhD defense candidate: **Vicharit Yingcharoenrat**

“Beyond Perturbation Theory in Cosmology”

Supervisor: Prof. Creminelli

External referees: Prof. Leonardo Senatore (ETH, Zurich), Prof. Sebastien Reneaux-Patel (IAP, Paris)

**h.16.00** - PhD defense candidate: **Jan Tristram Acuna**

“Complementary probes of the nature of dark matter”

Supervisor: Prof. Ullio

External referees: Prof. Francesco D’Eramo (Padova Univ.), Prof. Hai-Bo Yu (Riverside Univ., US)

**ZOOM link**

*Topic: APP PHD DEFENSES - 2021*

*Time: Sep 16, 2021 09:00 AM Rome*

*Join Zoom Meeting*

*<https://sisso-it.zoom.us/j/84836899571?pwd=c2dra0hlRmNtZFhacnNnbVBCRnNxdz09>*

*Meeting ID: 848 3689 9571*

*Passcode: 942822*