

DIAS Summer School in High-Energy Astrophysics 2018

Dublin Ireland, 19-29th June 2018

<https://www.dias.ie/cappa/SummerSchool2018/>

2nd Announcement

The second summer school on High-Energy Astrophysics organised by Dublin Institute for Advanced Studies (DIAS) will be held this summer from the 19-29 June 2018 in Dublin. The school is aimed at motivated researchers beginning their careers (in particular PhD students and young postdocs), with a focus on ‘filling in the gap’ between University education and University level research. The intensive 10-day, 28-lecture course will provide a coherent series of advanced lectures on:

- High Energy Phenomena in Astrophysics
- Non-Thermal Galactic and Extragalactic Sources
- Plasma Astrophysics
- Acceleration and Transport of Cosmic Rays
- Radiative Processes in Astrophysics
- Observational and Theoretical Cosmology

Confirmed invited lecturers:

- | | | | |
|----------------|-----------------|------------------|----------------|
| • X. Barcons | • M. Lemoine | • T. Piran | • S. Safi-Harb |
| • J. Silk | • D. Khangulyan | • F. Vissani | • R. Tuffs |
| • M. Khlopov | • R. Aloiso | • M. Burton | • A. Taylor |
| • M. Branchesi | • S. Gabici | • V. Bosch-Ramon | • P. Coppi |
| • A. Bykov | • A. Watson | • G. Brunetti | • F. Rieger |
| • M. Malkov | • Y. Uchiyama | • B. Reville | • A. Neronov |
| • P. Blasi | • J. Hinton | • N. Bucciantini | |

The director of the school, **Felix Aharonian**, is a professor at DIAS. The school will be hosted at Dublin City University (DCU), where accommodation and breakfast and lunch will be covered within the school fee of €950. A modern campus in North Dublin, DCU is within easy reach of Dublin city centre, Dublin airport, and local transport hubs. Dublin is a vibrant European capital city renowned for its welcoming and friendly atmosphere.

Register here: <https://www.dias.ie/cappa/SummerSchool2018/registration.html>

Deadline for registration and payment extended to 16th April.

On behalf of the organisers:

Felix Aharonian, Jonathan Mackey, Masha Chernyakova, and Andrew Taylor