

## **Session Program**

**15-19 Aug 2022**

# **6th ICM Theory and Computation Workshop**

***Friday morning: Cosmic rays***

Niels Bohr Institute, Auditorium A  
Blegdamsvej 17 Copenhagen

## Friday 19 August

09:00

### Friday morning: Cosmic rays

Session | Convener: Mateusz Ruszkowski

09:00-09:25

#### Particle acceleration and non-thermal emission from galaxy clusters and large scale structure

Speaker

Gianfranco Brunetti

09:25-09:50 **Radio relics and their substructure (via Zoom)**

Speaker

Paola Dominguez Fernandez

09:50-10:15 **Thermal Instability with Cosmic Ray Heating**

Speaker

Tsun Hin Navin Tsung

10:15-11:00 **Coffee break**

11:00-11:25 **Cosmological zoom simulations of merging galaxy clusters**

Speaker

Thomas Berlok

11:25-11:50

#### Simulating the impact of kpc scale jets on multiphase ISM in galaxies (via Zoom)

Speaker

Dipanjan Mukherjee

11:50-12:25 **Discussion of cosmic rays**

12:25-12:30 **Farewell**

12:30