

## **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