

# **Dissecting Cluster Cosmology - Stage 0**

**Tuesday 1 September 2020 - Tuesday 1 September 2020**

**Institute for the Fundamental Physics of the Universe (IFPU – Trieste)**

## **Scientific Programme**

### Cluster catalogues and selection

15:30 - 15:45 Jean-Baptiste Melin -> SZ-selected cluster catalogues  
15:50 - 16:05 Matteo Maturi -> Optically-selected cluster catalogues  
16:10 - 16:25 Sebastian Grandis -> Xray-selected cluster catalogues

### Mass calibration

16:45 - 17:00 Tim Schrabback -> Weak lensing mass calibration  
17:05 - 17:20 Raffaella Capasso -> Dynamical mass calibration  
17:25 - 17:40 Stefano Ettori -> Hydrostatic mass calibration

### Theoretical uncertainties

18:00: - 18:15 Carlo Giocoli -> Halo Mass Function  
18:20 - 18:35 Alessandra Fumagalli -> Likelihood definition.

### Final Discussion

18:45 - 19:15