

Clusters of Galaxies

Physics and Cosmology

Workshop

20 – 24 November 2017

The Workshop is devoted to an in-depth examination of complex astrophysical events with extreme energy release via multi-wavelength observations and modeling. Clusters of galaxies are the largest gravitationally bound structures in the Universe. Galaxy clusters now are one of the most important cosmological probes to test the standard cosmological models. Constrains on the Dark Energy equation of state from the cluster number density measurements, deviations from the Gaussian perturbation models, Sunyaev-Zeldovich effect as well as the dark matter profiles are among of the issues to be studied with clusters.

Conveners

Andrei Bykov, Ioffe Institute, Russia and International Space Science Institute, Bern, Switzerland

Marcus Brüggen, Hamburger Sternwarte, Germany

Jelle Kaastra, SRON, Utrecht, the Netherlands

Maurizio Falanga, International Space Science Institute, Bern, Switzerland

Maxim Markevitch, NASA GSFC, USA

Frits Paerels, Columbia University, USA

Rudolf von Steiger, International Space Science Institute, Bern, Switzerland



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