RAGtime 22

Monday, 19 October 2020 - Friday, 23 October 2020

Scientific Programme

The scientific focus of the workshop will traditionally be devoted mainly to problems of relativistic physics of black holes and neutron or quark stars. Large attention will be given to confronting theoretical models with up-to-date observations available through both electromagnetic and gravitational wave window to the Universe.

Special attention will be devoted to the modelling of astrophysical effects in the combined strong gravity and relevant external magnetic fields. Current issues in accretion theory will be explored. We will furthermore attempt to address problems related to cosmology, mathematical aspects of the theory of relativity, and alternative theories of gravity.

In addition also new methods of generating complex general relativistic solutions containing a black hole will be exposed. Furthermore we will focus on national and international collaboration regarding the present and future cosmic X-ray missions.