



INSTITUTIONS

THE INSTITUTE FOR FUNDAMENTAL PHYSICS OF THE UNIVERSE OPENS IN TRIESTE

Recent discoveries, like the accelerated expansion of the Universe, Higgs boson and gravitational waves, associated to high precision observations of the cosmic micro-wave background conducted by the Planck satellite and to the increasingly detailed large-scale mapping of the structure of the Universe, highlighted the need to put together different communities in a renewed dialogue between theory and observations. With this approach, the Institute for Fundamental Physics of the Universe (IFPU) was established on October 2nd in Trieste and it was founded thanks to the agreement of four scientific institutions – INFN , SISSA (Scuola Internazionale Superiore di Studi Avanzati), ICTP (*International Centre for Theoretical Physics*) and INAF (Istituto Nazionale di Astrofisica). Its scientific mission is to explore the fundamental laws of nature from a cosmological and astrophysical perspective with a multidisciplinary study approach, research teams set up ad hoc and innovative research models. The institute will start with the intellectual contribution of the researchers, both theoreticals and experimentals, of the four founding members and positions for post-doctorates and the participation of PhD students and visiting foreign scientists are already envisaged. ■