



**THE INSTITUTE FOR
FUNDAMENTAL STUDY**



THE INSTITUTE FOR FUNDAMENTAL STUDY

The Institute for Fundamental Study, “The Tah Poe Academia Institute,” (IF, formerly the TPTP) is a research institute established as the 21st Faculty of Naresuan University, Thailand. IF’s academic mission is to provide research and academic programs in Theoretical Physics and other related disciplines.

IF’s official inauguration was announced on the 14th of March 2011, retroactive from the 30th of January 2011, by the Naresuan University Council. IF’s origin as TPTP can be traced back to the 1st of January 1994 as the Student’s Forum for Theoretical Physics (SFTP) at Chiang Mai University. The SFTP was reformed to the Tah Poe Group of Theoretical Physics (TPTP) at Naresuan University on the 18th of August 1996. In 2006, the group was renamed the Tah Poe Academia Institute for Theoretical Physics (also called TPTP) until its official inauguration as IF in 2011.

IF research focuses on theoretical physics, general relativity (GR), theoretical cosmology, quantum field theory (QFT), and theoretical high energy physics beyond the standard model of particle physics with future planning of study in the physics of economic and social systems. IF’s two research groups are CGL: Laboratory of Cosmology and Gravity (a cosmology node of the Thailand National Center of Excellence in Physics) and QFHEP: Quantum Field Theory and High Energy Physics Research. Both groups have acquired a high-international research profile with more than 16 research articles/year published in highly respected world-class scholarly journals. IF provides three academic programs, one of which is at the Master’s level, aiming to strengthen and to improve the standard of physics teaching and research in the Asian region.