

第6回HiSEP特別セミナー

Probing the High Energy Universe Recent Achievements, Open Problems, and Future Plans

Prof. Roman I. RAIKIN

Vice-rector for international affairs development,
Associate professor of Radiophysics and Theoretical Physics Dept.,
Altai State University

日時 2021年11月11日(木) 13:30-14:50

場所 埼玉大学理学部1番教室

第6回HiSEP特別セミナーは、埼玉大学の協定校であるロシア・国立アルタイ大学から宇宙物理学を専門とし、副学長でもあるライキンさんをお招きしセミナーをお願いしました。高エネルギー宇宙物理学に関わるお話とシベリア地区の特徴的な知性・文化の中からいろいろお話を伺う予定です。対面セミナーですが、ZOOM聴講を希望する方は下記まで連絡ください。広く理工系・他学部の学生の皆さんの参加も歓迎しますのでふるってご参加ください。



セミナー概要

The Universe communicates with us in many ways. For decades, astrophysicists have been collecting information using various channels or "messengers" well beyond visible light alone to very high-energy particles and, more recently, gravitational waves - to study the Universe. Fascinating large-scale ground- and space-based experimental facilities are used collaboratively, realizing the concept of "multi-messenger astrophysics" very promising for reaching progress in solving the basic problems in the field (from the nature of cosmological phenomena of dark matter and dark energy to hidden details of elementary particle physics).

Key results obtained over the past decade by high-energy astroparticle physics, a unique interdisciplinary science that studies the highest-energy events occurring in the Universe by tracking very high-energy particles, the mysterious wanderers of the Universe, which penetrate through space and pelt the Earth are in the focus of this seminar. Prospects for solving some open problems in the coming years will be discussed.

主催 埼玉大学理学部 HiSEP実行委員会

問い合わせ 埼玉大学理学部HiSEP支援室 hisep.saitama@gmail.com

