



ISAPP-Baikal Summer School 2018

Exploring the Universe through multiple messengers

Bolshie Koty · Lake Baikal · Russia · July 12-21 · 2018

Lecture program



Introduction to multi-messenger astronomy
Cosmic rays: current and future observatories
Cosmic rays: theory
Gamma-astronomy
Astrophysical neutrinos
Astroparticle LHC results
Black holes and gravitational waves
Future of multi-messenger astronomy



Speakers include:

A. Neronov, G. Di Sciacio, J. Hörandel,
R. Engel, P. Spillantini, O. Pisanti, J. Kunz, D. Semikoz

Organizers

Joint Institute for Nuclear Research
Irkutsk State University
International School on Astroparticle Physics



Organizing committee

Igor Ivanov (IST, Lisbon) - co-chairman
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<http://astronu.jinr.ru/school/current>