

11th Joint Workshop APCTP - BLTP JINR - PNPI NRC KI - SPbU «Modern Problems in Nuclear and Elementary Particle Physics»



APCTP
Asia Pacific Center for Theoretical Physics



Organized by:

Asian Pacific Center for Theoretical Physics - APCTP

Bogoliubov Laboratory of Theoretical Physics,

Joint Institute for Nuclear Research - BLTP JINR

Petersburg Nuclear Physics Institute, National Research Centre

"Kurchatov Institute" - PNPI NRC KI

Saint Petersburg University - SPbU

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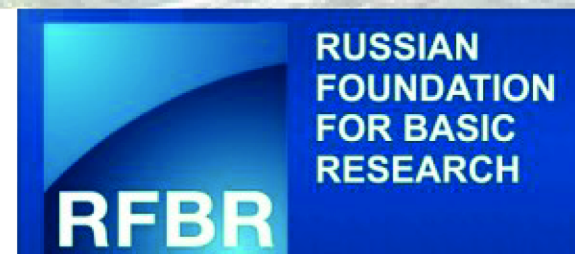
Nuclear Physics:

- Nuclear physics at low and high energies
- Mechanisms of nuclear reactions and structure of nuclei
- Heavy and super-heavy elements: fusion and fission
- Nuclear physics with radioactive ions
- Nuclear astrophysics
- Radiation materials science and solid state physics, nuclear fuel

Elementary Particle Physics:

- Effective theories and spectroscopy of hadrons
- Hadron physics
- Nuclear matter in the hot/dense environment
- Precision tests of the Standard Model
- Dark Matter and Dark Energy

Sponsors:



24-28 July, 2017

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