

DUBNA INTERNATIONAL SCHOOL OF THEORETICAL PHYSICS /DIAS/TH/

XIIth Winter School on Theoretical Physics

FEW-BODY SYSTEMS:

JOINT INSTITUTE
FOR NUCLEAR RESEARCH
BOGOLIUBOV LABORATORY
OF THEORETICAL PHYSICS

February 2 - 8, 2014, Dubna, Russia

THEORY AND APPLICATIONS

- Scattering theory for few-body systems
- Faddeev-Yakubovsky equations
- Resonances in few-body systems
- Critical stability of few-body systems
- Universal laws of ultra-cold collisions and Efimov effect
- Threshold phenomena in few-body systems
- Nuclear reactions in stars
- Neutron star physics
- Gravitational lensing

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