

SPRING SCHOOL on SUPERSTRING THEORY and RELATED TOPICS

16 - 24 March 2017
Trieste, Italy



Further information:

Activity URL: <http://indico.ictp.it/event/7953>

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ICTP's annual Spring School on Superstring Theory and Related Topics provides pedagogical treatment of these subjects through lectures by some of the world's top string theorists. The activity is intended for theoretical physicists or mathematicians with knowledge of quantum field theory, general relativity and string theory. It is organized in collaboration with the Asia Pacific Center for Theoretical Physics (APCTP) and the Italian Institute for Nuclear Physics (INFN).

Topics:

- The Field Theory of Hydrodynamics
- Stringy Aspects of Gravitational Scattering
- Dualities in Condensed Matter Physics
- Quantum Field Theory in 2+1 Dimensions
- Physics and Mathematics of Scattering Amplitudes
- Fundamentals of Quantum Entanglement
- High Energy Physics and the Precision Frontier
- Mellin Space Approach to Conformal Bootstrap

How to apply:

Online application:

<http://indico.ictp.it/event/7953>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Organizers:

N. ARKANI-HAMED, IAS Princeton

A. DABHOLKAR, ICTP & Sorbonne Universités Paris

E. GAVA, INFN Trieste

R. GOPAKUMAR, ICTS-TIFR Bengaluru

K.S. NARAIN, ICTP Trieste

Lecturers include:

N. ARKANI-HAMED, IAS Princeton

H. OOGURI, Caltech & Tokyo U. IPMU

M. RANGAMANI, UC Davis

S. RAJENDRAN, UC Berkeley

N. SEIBERG, IAS Princeton

A. SINHA, IISc Bengaluru

M. SPRADLIN, Brown University

A. VISHWANATH, Harvard University

A. ZHIBOEDOV, Harvard University



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