



CERN – SEENET-MTP
PhD Training Program

October 16-20th 2017

Sofia, Bulgaria

New Trends in High Energy Theory

FIRST ANNOUNCEMENT

New Trends in High Energy Theory

October 16-20th, 2017

Kliment Ohridski University of Sofia
Sofia, Bulgaria

We are pleased to announce the 4th PhD seminar “New Trends in High Energy Theory” in the line of the CERN-SEENET-MTP PhD Training Program. The seminar will be held at the Faculty of Physics, University of Sofia, Bulgaria, from October 15th (arrival day) to October 21st (departure day), 2017.

The event is intended for PhD students with interests in **High Energy Physics and String Theory**. The students will be given the opportunity to attend lectures from introductory to advanced level. The lectures will be followed by exercise classes. Topics discussed will include:

- Introduction to string theory.
- Black holes and holographic correspondence.
- Gauge theories and holography.
- Supersymmetry and Supergravity – holographic perspectives.

More detailed information will be provided later this year. Updates will be regularly posted on the conference website: <https://sites.google.com/view/phdtss-nthet>. The students are invited to visit the website and register. Registration will be opened until September 20th, 2017.

Contact: sofiastings@gmail.com

Website of the school: <https://sites.google.com/view/phdtss-nthet>

CERN – SEENET-MTP PhD Training Program website: <http://phd.seenet-mtp.info>

We are looking forward to seeing you in Sofia!

Keynote Speakers:

- Timo Weigand (CERN, Geneva, Switzerland)
- Atish Dabholkar (ICTP, Trieste, Italy)
- Anastasios Petkou (AU, Thessaloniki, Greece)
- Veselin Filev (DIAS, Dublin, Ireland)
- Nikolay Bobev (KU Leuven, Belgium)
- Kiril Hristov (INRNE, BAS, Bulgaria)
- Radoslav Rashkov (Sofia University, Bulgaria)

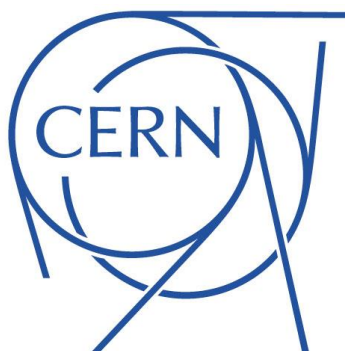
Local Organizing Committee:

- Hristo Dimov (Faculty of Physics, Sofia University) – Chair
- Radoslav Rashkov (Faculty of Physics, Sofia University)
- Plamen Bozhilov (Institute for Nuclear Research and Nuclear Energy, BAS)
- Tsvetan Vetsov (Faculty of Physics, Sofia University)
- Stefan Mladenov (Faculty of Physics, Sofia University)

Program Committee:

- Gian Giudice (CERN, Geneva, Switzerland)
- Goran Djordjevic (Faculty of Science, Nis, Serbia)
- Wolfgang Lerche (CERN, Geneva, Switzerland)
- Radoslav Rashkov (Faculty of Physics, Sofia University)

Organizers:



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