

Second Announcement

CERN – SEENET-MTP – ICTP PhD Training Program

September 6 – 12, 2026

Faculty of Physics, Sofia University "St. Kliment Ohridski", Sofia, Bulgaria

Second Announcement

We are pleased to announce the 2026 PhD School “Advanced Topics in Contemporary Theoretical Physics” (ATCTP), organized within the framework of the CERN – SEENET-MTP – ICTP PhD Training Program. The seminar will take place at the Faculty of Physics, University of Sofia, Bulgaria, from September 6 (arrival day) to September 12 (departure day). The deadline for registration has been extended up to August 25th.

Description

The event is aimed at final-year master students, PhD students, and early-career researchers who share a strong interest in Mathematical and Theoretical Physics, and related fields. Participants will have the opportunity to attend a structured series of lectures ranging from introductory material to advanced topics, delivered by experts in the field.

Participation Fee

There are no participation fees for participants from countries that are members of the SEENET-MTP Network. Participants from countries outside the SEENET-MTP Network are required to pay a registration fee of 250 EUR. Payment should be done in cash on site upon registration.

Invited Speakers

- ▶ Alexey Isaev (BLTP, JINR, Dubna, Russia)
- ▶ Daniel Grumiller (TU Wien, Viena, Austria)
- ▶ Goran Djordjevic (University of Nis, Serbia)
- ▶ Ignatios Antoniadis (LPTHE, CNRS, Paris, France)
- ▶ Kalin Staykov (Sofia University, Bulgaria)
- ▶ Marija Tomasevic (CERN, Geneva, Switzerland)
- ▶ Radoslav Rashkov (Sofia University)
- ▶ Radu Constantinescu (University of Craiova)
- ▶ Todor Popov (INRNE-BAS)
- ▶ Veselin Filev (IMI, BAS, Bulgaria)

Scan to visit the website



<https://sites.google.com/view/phd-atctp-2026/home>

Topics

The topics that will be covered include:

- ▶ Dynamical Systems and Holography
- ▶ Trends in Quantum and Conformal Field Theory
- ▶ Modified Gravity and Black Holes
- ▶ Particle Physics - Standard Model and Beyond
- ▶ Particles and Fields in Flat and Curved Spaces

Dates And Deadlines

- ▶ August 25th - Extended deadline for registration
- ▶ September 6th - Arrival day
- ▶ September 7th - Official opening
- ▶ September 11th - Official Closing
- ▶ September 12th - Departure day

Program Committee

- ▶ Goran Djordjevic (Exec. Director of SEENET-MTP)
- ▶ Urs Wiedemann (CERN, Geneva, Switzerland): TBC
- ▶ Gian Giudice (CERN, Geneva, Switzerland)
- ▶ Joan Elias Miro (ICTP, Trieste, Italy)
- ▶ Kyriakos Papadodimas (CERN, Geneva, Switzerland)
- ▶ Radoslav Rashkov (Sofia University, Sofia, Bulgaria)

Local Organizing Committee

- ▶ Tsvetan Vetsov (Sofia University, Bulgaria) – Chair
- ▶ Hristo Dimov (BLTP-JINR, Dubna, Russia & Sofia University, Bulgaria)
- ▶ Sergey Krivonos (BLTP, JINR, Dubna, Russia)
- ▶ Miroslav Radomirov (Sofia University, Bulgaria)
- ▶ Vasil Avramov (Sofia University, Bulgaria)

Organizers



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