
SEENET-MTP SCHOOL BS2018

High Energy and Particle Physics: Theory and Phenomenology

- 15 Years of the SEENET-MTP Network -

<http://bs2018.seenet-mtp.info/>

3 - 10 June, 2018, Niš, Serbia

THE SECOND ANNOUNCEMENT

GENERAL INFORMATION

The SEENET-MTP Centre, Faculty of Sciences and Mathematics, University of Niš, Serbia and Faculty of Mathematics and Natural Sciences, University of Craiova, Romania, in cooperation with CERN TD, the ICTP and other partners and sponsors are organizing the SEENET-MTP School "High Energy and Particle Physics: Theory and Phenomenology" - BS2018. For most of the participants, the arrival day is Sunday, 3 June; departure days are Saturday, 9 June (afternoon) or Sunday, 10 June.

The Balkan School BS2018 represents a continuation of the previous four schools of the running CERN – SEENET-MTP Program for PhD students and young scientists. The BS2018 will complete the first cycle of the Program.

The goal of this School is to improve the students' and young researchers' knowledge in its scientific fields of interest. The School is intended primarily for PhD students in High Energy Physics and Cosmology and the projected number of students is 40-50.

The BS2018 School will be followed by the SEENET-MTP Workshop BW2018 "Field Theory and the Early Universe". The School and the Workshop are a part of the BSW2018, the main event of the SEENET-MTP in the year when the Network is marking the 15 years of its existence. The BSW2018 is a resumption of a series of Workshops and Schools initiated by the BW2003 Workshop.

CODIRECTORS

I. Antoniadis (Bern, Switzerland/Paris, France), P. Creminelli (ICTP, Italy), G. Djordjevic (Niš, Serbia), G. Dvali (LMU-MPI, Germany/NYU, USA), A. Morozov (ITEP, Russia), A. Vikman (Prague, Czech Republic).

LOCAL ORGANIZING COMMITTEE

D. Dimitrijević (co-chairman), R. Constantinescu (co-chairman), Lj. Nešić, M. Milošević, D. Delibašić, M. Stojanović, J. Aleksić, J. Stanković

TOPICS AND LECTURERS

- Paolo Creminelli (ICTP, Trieste), Cosmology and Inflation
- Emilian Dudas (CPHT, Paris), String Phenomenology
- Gia Dvali (LMU-MPI Munich/NYU New York), Beyond the Standard Model
- Kyriakos Papadodimas (CERN, Geneva), AdS/CFT Correspondence
- Sergey Sibiryakov (CERN, Geneva), Gravity/Astroparticle Physics
- Giovanni Villadoro TBC (ICTP, Trieste), The Standard Model
- Guest Lecturer: Alexei Starobinsky (Landau Institute for TP, Moscow), Inflation

PROGRAM

All lectures will be held in the lecture room in hotel *Aleksandar*. The lecturers will give 3-4 lectures each, with a gradual build-up towards advanced level subjects. The lectures will be complemented by exercise sessions and discussions.

A preliminary program is available at <https://bs2018.seenet-mtp.info/portfolio/program/>.

During the BS2018 a session for poster presentations will also be organized. Posters will be placed on panels (and fastened by sticky tape or pins); maximal size is A1 (W:594, H:841 mm). Short presentations (5-10 minutes) by the students will also be possible. Details will be given later.

PARTICIPANTS

All students who are interested in attending the BS2018 have to fill in the application form at the website of the school <http://bs2018.seenet-mtp.info/application-form/> as soon as possible. The new deadline for applications is April 20th, 2018.

Living and travel expenses will be covered for a number of students from the CEI-SEE region by the CERN – SEENET-MTP PhD Program, in accordance with the sponsor's rules.

SOCIAL EVENTS

A short city tour and the School dinner are preliminarily scheduled for Thursday, 7th of June. More details will be given later.

REGISTRATION FEE

The registration fee for the School is 120 EURO for payments made till April 30, 2018; for late payments the fee is 150 EURO. The SEENET-MTP Members will have a special 20% discount.

Payment can be made in Euros or Dinars, at the exchange rate on the date of payment.

Bank instructions for payments in EUR:

56: Intermediary: BCITITMM INTESA SANPAOLO SPA MILANO, ITALY	57: Account with institution: DBDBRSBG BANCA INTESA AD, BEOGRAD MILENTIJA POPOVIĆA 7B BEOGRAD, REPUBLIKA SRBIJA	59: Beneficiary: /RS35160005400002277560 SEENET-MTP ILIJE GARAŠANINA 45 Niš (Pantelej) Republic of Serbia
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Bank instructions for payments in Dinars:

- Prirodno-matematički fakultet
- Višegradska 33, 18000 Niš, Srbija
- Broj računa: 840-0000004648760-23

There will be a Special package for the members of the CANTATA COST Action CA15117. The package will include full-board and accommodation for 7 days in a double room in hotel *Aleksandar*, school materials, social events and coffee breaks for the price of 360 EURO. The members of the COST Action CA15117 will be able to ask the Action's MC for refund in the framework of the Conference Grants following the rules in Section 8 of the COST Vademecum (www.cost.eu/download/COSTVademecum) before the BS2018.

TRAVEL INFORMATION

The city of Niš is situated in the Nišava valley where the river Nišava joins the Južna Morava river. The city of Niš sits on the crossroads of the most important Balkan and European traffic routes. The territory of the city is intersected by three important directions of international road and railway traffic – several roads that connect the Balkans with Central and Western Europe, including Corridor X; the axis which connects the Adriatic, Aegean and Black Sea also intersects the territory of the city of Niš.

Niš can be reached by plane, bus, train or car. Niš' Constantine the Great Airport is the second airport by size in Serbia (after Belgrade's Nikola Tesla airport). It was renovated in 2003 and now Wizz Air, Ryanair, Swiss and Germania airlines have regular flights to/from Niš.

More detailed travel information is available at <http://bs2018.seenet-mtp.info/portfolio/travel-information/>. The page will regularly be updated.

ACCOMMODATION

Most of the participants will be accommodated in hotel *Aleksandar* (Njegoševa 81a street, phone: +381 18 563333, <http://hotel-aleksandar.com>).

Registered participants of the BS2018 will have a special price in hotel *Aleksandar*:

- Single room, full-board: 45 Euros
- Double room, full-board: 35 Euros/per person.

Booking has to be done through e-mail info@hotel-aleksandar.com. The hotel will provide you with the payment instructions.

CURRENCY EXCHANGE

The monetary unit is the Serbian dinar. Money can be exchanged in hotel *Aleksandar* or nearby exchange offices (exchange rate: 1 EUR approx. 120 dinars, changes daily).

Bills: 10, 20, 50, 100, 200, 500, 1000, 2000 and 5000 dinars

Coins: 1, 2, 5, 10 and 20 dinars.

SPONSORS (preliminary list)

- Central European Initiative (CEI), Trieste, Italy
- The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy
- CERN, Geneva, Switzerland
- European Physical Society (EPS)
- Serbian Ministry of Education, Science and Technological Development, TBC
- SEENET-MTP Network
- Faculty of Sciences and Mathematics, Niš, Serbia

Contact:

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Faculty of Science and Mathematics	Phone/Fax: +381 18 274-660
University of Niš	http://bsw2018.seenet-mtp.info
Višegradska 33, P. O. Box 224, 18000 Niš, Serbia	http://bw2018.seenet-mtp.info

LOOKING FORWARD TO SEEING YOU IN NIŠ, SERBIA!

