
SEENET-MTP WORKSHOP BW2018

Field Theory and the Early Universe

- 15 Years of the SEENET-MTP Network -

<http://bw2018.seenet-mtp.info/>

10 – 14 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 the Central European Initiative (CEI), ICTP, European Physical Society (EPS), CERN TD and other partners and sponsors are organizing the SEENET-MTP Balkan Workshop BW2018 entitled “Field Theory and the Early Universe”. The BW2018 represents a resumption of a series of Workshops and Schools initiated by the BW2003 Workshop.

The School “High Energy and Particle Physics: Theory and Phenomenology” – BS2018 (3-10 June 2018) will precede the SEENET-MTP Workshop BW2018.

The BS2018 and the BW2018 together comprise the Balkan School and Workshop BSW2018, which, in addition to the PhD training and scientific part, serve to mark the 15 years of the SEENET-MTP Network’s existence.

The projected day of arrival for BW2018 is Sunday, 10 June. The scientific program will be closed on Thursday, 14 June around noon.

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), M. Milošević, Lj. Nešić, D. Delibašić, M. Stojanović, J. Aleksić, J. Stanković

TOPICS

The scientific part of the Workshop will include recent developments in Beyond the Standard Model(s). This will be an excellent opportunity to gather the leading experts in the field, as well as young researchers from South-East, Central and Eastern Europe, EU and USA, to discuss open problems and perspectives in the main scientific areas of the Workshop.

The main topics will be:

- QFT in Curved Spacetime
- Quantum Gravity
- Inflation
- Astroparticle Physics
- Physics of Black Holes
- AdS/CFT Correspondence.

The educational and organizational part will include a discussion which should lead us to “Beyond the Standard Model(s)” in regional and inter-regional cooperation in Science and Education. A series of round tables will be organized, with a few invited speakers and moderators from the CEI, EPS, CERN, Balkan Physical Union (BPU), ICTP and UNESCO. The round-table discussions will be focused on research-promoting and strengthening actions, education and capacity-building in physics, as well as other natural sciences, with an emphasis on South-Eastern Europe, in a European and worldwide framework.

PRESENTATIONS AND PROGRAM

Most of the talks will be held in the lecture room in hotel *Aleksandar*. The time allotted for talks will be up to 30 minutes, depending on the session. A preliminary program is available at <http://bw2018.seenet-mtp.info/program/>.

The organizers will provide laptops and a projector for presentations. A flipchart or a whiteboard will also be available. If necessary, it will be possible to use your own laptop. It should be equipped with a HDMI or VGA port or an appropriate adapter.

A session for poster presentations will also be organized. Posters will be placed on panels (and fastened with sticky tape or pins), with the maximal size being A1 (W:594, H:841 mm).

PUBLICATIONS

The organizers will prepare the BW2018 Book of Extended Abstracts to be handed out to the participants at registration.

Abstracts, 1-2 pages long with the most important references, should be prepared in LaTeX according to template available at the website of BW2018, <http://bw2018.seenet-mtp.info/>. Deadline for abstract submission is 10 May 2018.

The selected papers from the Workshop will be published after the meeting elsewhere. More information will be given later.

PARTICIPANTS

The organizers will cover accommodation and travel expenses for a number of invited lecturers and young researchers. Unfortunately, due to the sponsors' rules, travel expenses can be covered only for a limited number of countries, and accommodation can be covered for a limited number of lecturers from other countries.

REGISTRATION

The registration form is available at <http://seenet-mtp.info/bsw2018/bw2018/registration-form/>. The deadline for registration is 10 May 2018. After that the organizers cannot guarantee accommodation and support.

ACCOMPANYING PERSONS

All accompanying persons have to fill in the registration form as soon as possible.

REGISTRATION FEE

The registration fee for the Workshop participants is 120 EURO (60 EURO for students and accompanying persons), for payments made till 30 April 2018. For late payments the fee is 150 EURO (75 EURO for students and accompanying persons). 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 5 days in a single room in hotel *Aleksandar*, workshop 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 BW2018.

SOCIAL EVENTS

Welcome cocktail will be held on Sunday evening in hotel *Aleksandar*. The guided city tour and the Workshop dinner are planned for Wednesday evening. Details will be given later.

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. The participants can also use Belgrade airport (<http://www.beg.aero/>).

If a larger number of participants request an organized transfer from Belgrade to Niš, the organizers will inform you about the possibilities and conditions of possible organized transfer.

Niš can be reached by plane, bus, car or railway. 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 are available at <http://bw2018.seenet-mtp.info/travel-information/>. The page will be regularly 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 BW2018 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 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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LOOKING FORWARD TO SEEING YOU IN NIŠ, SERBIA!

