INVITATION
You are cordially invited to participate in the Ninth International Workshop & Summer School on Plasma Physics at Black Sea from Sunday, 7th June to Sunday, 14th June 2020.

GENERAL INFORMATION
Summer School: The school would bring together leading researchers in the field of Plasma Physics to give lecture on their specialties to advanced graduate students, postgraduate students and young scientists in the form of a one-week intensive course. Scientists experienced in other disciplines who have recently entered the fields of plasma physics or nuclear fusion will also benefit from the school, which provides an overview of the various interconnected research domains and describes the latest developments. Graduates and teachers of science are welcome, as is anyone with an interest in the subject. The 40-minute key lectures will be given by senior physicists in their field. Participants (PhD, Master students and young scientists) are strongly encouraged to present their own work during the afternoon sessions as 20-minute oral presentations or as posters.

SCIENTIFIC PROGRAM

**TOPICS**
- Fusion Plasma and Materials
- Plasma Modeling and Fundamentals
- Plasma Sources, Diagnostics and Technology

**WORKSHOPS**
- Workshop PEGASUS
  Plasma Enabled and Graphene Allowed Synthesis of Unique Nano Structures
  Co-organizer: *Institute of Plasmas and Nuclear Fusion, Lisbon, Portugal*
  The project PEGASUS embodies plasmas driven controllable design of matter at atomic scale level. To this end, PEGASUS ultimate goal is to create a highly efficient, catalyst/harmful-free novel plasma method along with a proof-of-concept PEGASUS device for a large-scale N-graphene direct synthesis, as well as N-graphene/metal oxides nanocomposites and unique vertical N-graphene arrays grown on metal substrates, via breakthrough research on plasma-enabled singular assembly pathways. The project will be developed under the coordination of Dr Elena Tatarova and her team with the Plasma Engineering Laboratory at IPFN, joining a consortium that involves IST (Portugal), Centre National de la Recherche Scientifique (France), Institut Jozef Stefan (Slovenia), Kiel University (Germany), Sofia University (Bulgaria) and Charge2C-Newcap Lda (Portugal). PEGASUS is a FET-Open European project funded by the H2020 program of EU.

- Remote GOLEM operation
  Co-organizer: *Czech Technical University, Prague*

*The official language of the Workshop and the Summer School is English.*
INTERNATIONAL ADVISORY COMMITTEE

Alexander Blagoev (Bulgaria)  Ivan Zhelyazkov (Bulgaria)
Antonio Gamero (Spain)  Jan Stöckel (Czech Republic)
Antonio Sola (Spain)  Joost van der Mullen (The Netherlands)
Barry Green Honorary member  Jean-Marie Noterdaeme (Germany, Belgium)
Elena Tatarova (Portugal)  Roger Jaspers (The Netherlands)
Evgenia Benova (Bulgaria)  Roman Schröttwieser (Austria)
Francisco Dias (Portugal)  František Krčma (Czech Republic)
Gheorghe Popa (Romania)  Tsviatko Popov (Bulgaria)
Igor Kossyi (Russia)  Valery Godyak (USA)
Ivan Ganachev (Japan)  Yuri Lebedev (Russia)
Uros Cvelbar (Slovenia)  Johannes Berndt (France)

LOCAL ORGANISING COMMITTEE

E. Benova (Chairperson, University of Sofia)  I. Tsoniev (University of Sofia)
Tsv. Popov (Secretary, University of Sofia)  T. Bogdanov (Medical University, Sofia)
M. Dimitrova (Bulg. Academy of Sci., Sofia)  P. Marinova (University of Sofia)

LOCATION AND TIME
The Summer school will be held from 7th to 14th of June 2020 in the resort of Kiten near the town of Bourgas, Bulgaria. Kiten is located on the Bulgarian south Black Sea coast.

ACCOMMODATION
All participants will be accommodated at Onyx hotel in Kiten. A full board accommodation is included in the participation fee.

SOCIAL PROGRAM
The social program includes a welcome party, an excursion and a banquet.

PROCEEDINGS
Authors who wish to present a paper are requested to send a short abstract up to 1 page by March 30, 2020. The requirements for the abstracts can be found at the conference website.

Papers submitted until June 1, 2020 will be published in Journal of Physics: Conference Series after refereeing.

DEADLINES TO REMEMBER
February 15 – March 30, 2020  Pre-registration
March 30, 2020 Submission of abstracts
April 15, 2020 Second Announcement and acceptance notification
May 10, 2020 Early registration and fee payment
June 1, 2020 Submission of paper
June 7, 2020 Arrival and Registration
June 7–14, 2020 Summer School & Workshop sessions
June 14, 2020 Departure Date

PARTICIPATION FEE
The participation fee, free from any transfer expenses, is:

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<th>before May 10th</th>
<th>after May 10th</th>
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<tr>
<td>Regular</td>
<td>€ 550</td>
<td>€ 650</td>
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<tr>
<td>Students</td>
<td>€ 400</td>
<td>€ 500</td>
</tr>
<tr>
<td>Accompanying person</td>
<td>€ 400</td>
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The participation fee covers: registration, full board accommodation (hotel, breakfast, lunch and dinner), coffee-breaks, proceedings, and the social program.

It should be transferred to:

**First Investment Bank**
"Narodno sabranie 2" Branch
3, Narodno sabranie Sq.
1000 Sofia, Bulgaria
Account:
IN EUR:
IBAN: BG24FINV91501215925928
BIC/SWIFT: FINVBGSF
Beneficiary: PLASMER Foundation
Beneficiary Address: 27, Kosta Lulchev str., 1111 Sofia, Bulgaria
Participation fee for iwsspp 2020 and participant name

*Students who would like to join this summer school can apply for funding via FuseNet’s funding page.*

APPLICATION FORM
All who are interested to attend the 9th International Workshop & Summer School on Plasma Physics at Black Sea please fill out the online Application form on the conference website: iwsspp.plasmer.org

CONTACTS
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