

THE SEENET-MTP JOINT MEETING

06-12 July 2020, Craiova, Romania

- **CERN-SEENET-ICTP PHD SCHOOL:**
COMPUTATIONAL METHODS IN THEORETICAL PHYSICS
- **WORKSHOP:**
QUANTUM FIELDS AND NONLINEAR PHENOMENA

Based on the SEENET-MTP -CERN -ICTP KN3487 Agreement for scientific and technical collaboration, will be held at the University of Craiova, Romania, the PhD School:

COMPUTATIONAL METHODS IN THEORETICAL PHYSICS **Craiova, Romania, 06 – 10 July 2020**

It will be the 2nd School of the 2nd Cycle of the CERN-SEENET-ICTP PhD Program (<https://phd.seenet-mtp.info/>) and it will be mainly addressed to the PhD Students from South- Eastern European Countries. Participants from other countries are also welcome.

The main topic of the School will be the use of the Computational Methods in High Energy and Theoretical Physics.

SCHOOL LECTURERS AND TOPICS:

Luca Heltai (SISSA Trieste)		High performance Computing
Maurizio Pierini (CERN Geneva)	TBC	Computer Techniques in HEP
Igor Salom (Institute of Physics, Belgrade)		
Raul Jimenez (University of Barcelona, Spain)		Numerical techniques in Cosmology
Ioannis Rizos (Ioannina Univ., Greece)		Specific computations in HEP
Milan Milosevic (Nis Univ., Serbia)		Simulation techniques
Dumitru Vulcanov (Timisoara, Romania)		Computational cosmology
Aurelian Isar (NIPNE Bucharest, RO)		Quantum information

The School will be followed by the traditional Workshop

Scientific Committee

Kyriakos Papadodimas (ICTP)
Lars Brink (Sweden)
Marc Henneaux (Belgium)
Ioannis Rizos (Greece)
Goran Djordjevic (Serbia)
Mihai Visinescu (Romania)

Organising Committee:

Radu Constantinescu (Romania)
David Lee (EPS General Secretary)
Odile Saliu (Romania)
Eugen Cioroianu (Romania)
Dragoljub Dimitrijevic (Serbia)
Dumitru Vulcanov (Romania)

The PhD School will end with the Workshop:

QUANTUM FIELDS AND NONLINEAR PHENOMENA **Craiova, Romania, 10-12 July 2020**

It will represent the 12-th edition of the meeting organized by the University of Craiova at each two years.

Financial support for students and young researchers from SEENET-MTP countries will be available.

Sponsors: CERN, ICTP, EPS, SEENET-MTP

NOTE: IF CONDITIONS WILL NOT ALLOW TO TRAVEL FOR A DIRECT MEETING, AN ONLINE CONFERENCE IS FORESEEN. THE FINAL DECISION WILL BE TAKEN ONE MONTH IN ADVANCE, BEFORE THE STARTING DATE.

Web Page: http://cis01.central.ucv.ro/physics/en/workshop_2020/index.html ; www.seenet-mtp.info

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