



THEORY OF FUSION PLASMAS JOINT VARENNA - LAUSANNE INTERNATIONAL WORKSHOP

Villa Monastero, Varenna, Italy
September 2 – 6, 2024

WORKSHOP IS DEVOTED TO THE THEORY OF MAGNETIC CONFINEMENT SYSTEMS

ORGANIZED BY

- Swiss Plasma Center, Ecole Polytechnique Fédérale de Lausanne
- Piero Caldirola International Center for the Promotion of Science and International School of Plasma Physics (ICPC), Milan
- Istituto per la Scienza e la Tecnologia dei Plasmi - CNR, Milan
- Università degli Studi di Milano-Bicocca

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LIST OF TOPICS

- 1) Anomalous Transport (Turbulence, Coherent Structures, Microinstabilities)
- 2) RF Heating and Current Drive
- 3) Non Axisymmetric Configurations
- 4) Macroinstabilities and Magnetic Reconnections
- 5) Theoretical Aspects of Plasma-Edge Physics and Divertors
- 6) Theoretical issues related to burning plasmas

ABSTRACTS

The abstracts should be sent by **June 14th, 2024**

One page pdf format abstract, file name as "NAME_Varenna22_abstr.pdf" following word or latex templates used for IOP proceedings papers (remove everything except title, authors, affiliations, abstract body and references). Use IOP proceedings link here for the template:

<https://publishingsupport.iopscience.iop.org/author-guidelines-for-conference-proceedings/>

Submit to Prof. J. Graves: Varenna-Lausanne@epfl.ch

WITH THE CONTRIBUTION OF:



SPECIAL ISSUE PROCEEDINGS PAPERS

Conference papers will be published in Plasma Physics and Controlled Fusion (PPCF). There will be no other outlet for proceedings. In order to optimise the quality and quantity of proceedings, we have negotiated with PPCF the concept of (partial) open refereeing, thus continuing the traditions of the Varenna conference.

Manuscripts will be published as cluster of papers related to the Varenna-Lausanne Theory of Fusion Plasmas 2024 Conference, supervised by Editors P. Helander and J. P. Graves. They will appear online soon after acceptance. Follow the [guidelines](#) (and LaTeX/Word templates) of PPCF and submission to PPCF is [here](#) (select Varenna 2024 special conference series when submitting)

Invited Speakers are expected to submit by the end of 2024. If the manuscripts are ready in time for the conference itself, the speakers may follow the process listed below for poster presenters.

Contributed poster presenters should send a draft of their paper to Varenna-Lausanne by **Monday August 26th 2024**. The guest editors of the special issue will identify a single referee for each paper. This referee will be attending the conference. Open discussions will take place between authors and referees during the conference. After the conference, before the end of 2024, the author will submit their updated paper to PPCF together with the referee report and the details of the referee. PPCF will seek an additional anonymous referee. Acceptance of the manuscript will be afforded according to the reporting of the known and anonymous referee. Please send your draft manuscripts by August 26th 2024 to: Varenna-Lausanne@epfl.ch

REGISTRATION FEE

Registration fee: 600 EUROS (students 350 EUROS)

The registration fee covers admission to the workshop, coffee-breaks and social events.

Pay by bank transfer **before July 19th, 2024 to:**

Banca Popolare di Sondrio, Italy. Account opened in favour of "International Center Piero Caldirola"

IBAN: IT40B056965149000041377X47 BIC/SWIFT: POSOIT22XXX

Please, state as motivation of payment: **YOUR FULL NAME - Participation "Theory 2024"**
All bank expenses are at participants' charge. Should the net amount transferred to the bank account be less than the requested amount, the difference will be charged to participants at the conference.

In case of difficulties paying through bank transfer, we accept **cash payment** in Varenna at the registration desk (please notify in this case).

Note credit cards cannot be accepted for payment of the registration fee.

APPLICATIONS

Deadline for application: June 14th, 2024

General information (fees, dates, accommodation): see conference website
<https://www.icpc.it/theory/theory-of-fusion-plasmas/>

For any information you may need, contact the Organising Secretariat:

Mrs. Donatella Pifferetti

email: secretariat@icpc.it

Please note that the capacity of the meeting room is limited to 90 participants and no more registrations could be accepted.

The rule for acceptance is the chronological order of receipt of the registrations.

FURTHER INFORMATION CAN BE OBTAINED VIA:

Scientific Information:

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