



THEORY OF FUSION PLASMAS

JOINT VARENNA - LAUSANNE INTERNATIONAL WORKSHOP

Villa Monastero, Varenna, Italy
August 24 - 28, 2020

ORGANIZED BY

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

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"Piero Caldirola" International Centre for the Promotion of Science and International School of Plasma Physics

Prof. E. Sindoni, Honorary President – Prof. Giuseppe Gorini, President

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

Presentations discussing ITER-related topics are particularly welcomed

CONTRIBUTED PAPERS

In addition to invited survey papers, contributed papers (poster only) will be selected on the basis of a one-page abstract. The [LaTeX templates](#) required for the papers can be used for the submitted abstracts as well (see below).

Abstracts should be sent in pdf format, file name as "NAME_Varenna20_abstr.pdf", by June 15, 2020 to:

O. SAUTER, SPC/EPFL, Station 13, PPB-Ecublens,
CH 1015 Lausanne, Switzerland

Fax +41-21-6935176

e-mail: Varenna-Lausanne@epfl.ch

PROCEEDINGS

As usual, papers will be published in a refereed journal with IOP. The journal will be Plasma Phys. Contr. Fusion (PPCF), for the main papers, and Journal of Physics Conference Series (JPCS) for the other papers.

- The papers published in PPCF will follow the usual refereeing process of this journal and will be published as a cluster of papers related to the Varenna-Lausanne Theory of Fusion Plasmas 2020 Conference.

Follow the [guidelines](#) and then [LaTeX templates](#). **Note that YOU NEED TO PROVIDE THE PDF PAPER BY FRIDAY 21 AUGUST 2020, so that we can organize the refereeing process in due time.**

- The papers published in JPCS will be refereed mainly by the scientific committee and participants of the conference, supervised by X. Garbet and O. Sauter, acting as Editors. The JPCS papers will have a header stating explicitly that the papers have been refereed. Naturally the refereeing process will be lighter (typically one referee) than the PPCF publication. Follow the [guidelines](#) and the [LaTeX templates](#). **Note that YOU NEED TO PROVIDE THE PDF PAPER BY FRIDAY 21 AUGUST 2020, so that we can organize the refereeing process in due time.**

When submitting the paper, the author can propose a publication in PPCF or JPCS, however the final decision is under the responsibility of the scientific committee. Typically invited papers will be published in PPCF and contributed papers in JPCS.

Papers, invited (typically 10 pages but no hard limit) and contributed (typically 6-8 pages, but no hard limit), have to follow the [LaTeX guidelines](#) and templates provided by [PPCF](#) and by [JPCS](#).

The deadline for the paper is the week before the conference.

Thus send the paper before August 21, 2020, by email to Varenna-Lausanne@epfl.ch

REGISTRATION FEE

Registration fee: 500 EUROS (students 300 EUROS) should be paid by bank transfer before July 31, 2020 to:

Banca Popolare di Sondrio, 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 2020"**

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.

Alternatively we accept **cash-only payment** in Varenna at the registration desk.

Please note that **credit cards cannot be accepted** for payment of the registration fee.

The fee covers admission to the Workshop and social events.

APPLICATIONS

Registration and hotel reservation to be made online on the conference website

<https://www.icpc.it>

Deadline for registration: May 15th, 2020.

Applicants will receive confirmation of hotel reservation by June 1st, 2020.

IMPORTANT DATES

Application, hotel reservation

May 15, 2020

Abstract submission

May 15 to June 15, 2020

Late Abstract may be accepted until

July 3, 2020

Post-deadline Abstract (not included in the Book of Abstracts)

may be accepted until

August 20, 2020

Payment of registration fee by bank transfer

July 31, 2020

(otherwise **cash** at registration desk)

Manuscript delivery

August 21, 2020

FURTHER INFORMATION CAN BE OBTAINED BY:

Scientific Information:

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<http://Varenna-Lausanne.epfl.ch>

Logistical Information:

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