



## THEORY OF FUSION PLASMAS

### JOINT VARENNA - LAUSANNE INTERNATIONAL WORKSHOP

Villa Monastero, Varenna, Italy  
September 21 - 25, 2026

#### ORGANIZED BY

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

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A. WRIGHT	(Wisconsin, USA)
F. ZONCA	(Frascati, Italy)

#### WORKSHOP FOCUS

##### Theory of Magnetic Confinement Systems

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

#### ABSTRACTS

Abstracts are required to be less than 3000 characters, including references. Once your abstract is finalised, please submit at this link:  
[https://docs.google.com/forms/d/e/1FAIpQLSeofwmER2sn4tsQwhJsC3AhdCu\\_TheletYPOWq3udfZh2sVpw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSeofwmER2sn4tsQwhJsC3AhdCu_TheletYPOWq3udfZh2sVpw/viewform)

#### PAPERS AND PROCEEDINGS

Published in *Plasma Physics and Controlled Fusion* at the link:  
<https://iopscience.iop.org/collections/ppcf-240702-603> following the conference. Papers are refereed (partially) open by participants, a long-standing tradition of the Varenna conference.

The issue will be edited by P. Helander and J. P. Graves, and papers will appear online shortly after acceptance.

Please use the PPCF author guidelines and templates, and when submitting, select the special issue titled: "Special issue on the 2026 joint Varenna–Lausanne International Workshop on the Theory of Fusion Plasmas".

#### POSTERS

Poster boards measure 150 cm (width) × 100 cm (height). Printing in A0 landscape format is ideal.

Posters printed in A0 portrait format will fit, but approximately 20 cm at the bottom cannot be attached to the board; please note that this portion may curl after being rolled in a carrying tube. Pins and adhesive tape will be provided for attaching posters.

Electronic copies do not need to be submitted to the conference, and authors are free to choose their own formatting.

#### REGISTRATION FEE

Registration: Full fee € 600 – Student Fee € 350

The fee covers admission to the workshop and social events, where students enjoy a reduced cost.

Pay by bank transfer **before July 31<sup>st</sup>, 2026** to:

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

IBAN: IT40B0569651490000041377X47 BIC/SWIFT: POSOIT22XXX

Please, state as motivation of payment: **YOUR FULL NAME - Participation "Theory 2026"**

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 **cash payment** is accepted in Varenna registration desk (please notify in this case).

**Credit cards cannot be accepted for payment of the registration fee.**

#### IMPORTANT DEADLINES

Application & Abstract: **June 26, 2026**

Payment: **July 31<sup>st</sup>, 2026**

Paper Draft (poster presenters): **September 14<sup>th</sup>, 2026**

Paper draft (invited speaker): **End of 2026**

#### APPLICATIONS

General information (fees, dates, accommodation): see conference website

<https://www.icpc.it/theory/theory-of-fusion-plasmas-2/>

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

email: [secretariat@icpc.it](mailto:secretariat@icpc.it)

#### FURTHER INFORMATION CAN BE OBTAINED VIA:

**Scientific Information:**

[Varenna-Lausanne@epfl.ch](mailto:Varenna-Lausanne@epfl.ch) <https://www.varenna-lausanne.ch/>

**General Information:**

[secretariat@icpc.it](mailto:secretariat@icpc.it) <https://www.icpc.it/theory/theory-of-fusion-plasmas-2/>