



# “PIERO CALDIROLA” INTERNATIONAL CENTRE FOR THE PROMOTION OF SCIENCE AND INTERNATIONAL SCHOOL OF PLASMA PHYSICS



## THEORY OF FUSION PLASMAS JOINT VARENNA - LAUSANNE INTERNATIONAL WORKSHOP

Villa Monastero, Varenna, Italy  
August 28 – September 1, 2006

**This Meeting is devoted to the Theory of Magnetic Confinement Systems**

### Organized by

- Centre de Recherches en Physique des Plasmas, Ecole Polytechnique Fédérale de Lausanne, Association EURATOM - Confédération Suisse
- “Piero Caldirola” International Centre for the Promotion of Science and International School of Plasma Physics
- Istituto di Fisica del Plasma del CNR, Milano

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

D. Palumbo, President

E. Sindoni, Director

### 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](http://www.sif.it/submit/pierocaldirola_guidelines.php) required for the contributed papers can be used for the submitted abstracts as well (see below).

These abstracts should be sent **by June 9, 2006** to:

O. SAUTER, CRPP/EPFL, PPB-Ecublens,  
CH 1015 Lausanne, Switzerland  
Fax +41-21-6935176 e-mail: [Varenna-Lausanne@epfl.ch](mailto:Varenna-Lausanne@epfl.ch)

### Proceedings

Proceedings are published in the book series “Theory of Fusion Plasmas”

Papers, invited (10-12 pages) and contributed (6 pages) need to follow the LateX format explained on the web site: [http://www.sif.it/submit/pierocaldirola\\_guidelines.php](http://www.sif.it/submit/pierocaldirola_guidelines.php)

The LateX files can be obtained at: <ftp://ftp.sif.it/pub/tex/camera-ready/>

The papers need to be sent to [Varenna-Lausanne@epfl.ch](mailto:Varenna-Lausanne@epfl.ch) by August 25 2006 or given in an electronic form at the registration desk.

Books of former conferences can be ordered at: <http://www.sif.it/books.php>

### Registration Fee

Registration fee: 310 EURO (students 150 EURO) should be paid in Varenna **at the registration desk**.

Alternatively, the same fee can be paid **by July 31, 2006** by bank transfer to:

Banca Popolare di Lecco, Division of the Deutsche Bank, Via IV Novembre, 23829 VARENNA (LC), Italy,  
Account opened in favour of “International School of Plasma Physics”:  
Bank codes (for Italy): ACCOUNT NO. 9500, ABI 03104, CAB 51830, CIN M  
IBAN (bank codes from abroad): IT64 M031 0451 8300 0000 0009 500 - SWIFT code: DEUTITM1029

Please, state as motivation of payment: **your full name – Participation “Theory 2006”**

All bank expenses are at participants' charge.

The fee covers admission to the Workshop and social events.

### Applications

Application and hotel reservation form can be obtained from the Organizing Secretariat at the following address:

Ms. Donatella Pifferetti  
Via Nazionale, 85 – 23821 ABBADIA LARIANA (LC), Italy  
Fax +39-0341-732490

e-mail: [theory\\_at\\_ispp.it](mailto:theory_at_ispp.it)

**Deadline for application: June 9, 2006**

### Further Information can be obtained from:

#### For scientific questions:

Dr. O. SAUTER, CRPP/EPFL, PPB-Ecublens,  
CH 1015 Lausanne, Switzerland, Fax +41-21-6935176  
e-mail: [Varenna-Lausanne\\_at\\_epfl.ch](mailto:Varenna-Lausanne_at_epfl.ch)  
<http://Varenna-Lausanne.epfl.ch>

or Prof. E. Sindoni, ISPP, Phone + 39-02-64482746

Fax +39-02-64482794

e-mail: [elio.sindoni\\_at\\_unimib.it](mailto:elio.sindoni_at_unimib.it)

#### For organizing/logistic/administrative questions:

D. Pifferetti  
[theory\\_at\\_ispp.it](mailto:theory_at_ispp.it)  
Fax: +39-0341-73249