

6th Festival de Théorie

General Principles for Relaxation & Self-Organization

4–22 July 2011

Aix-en-Provence, France

Scope of the meeting

The **Festival de Théorie** is an initiative that aims at organising theory working groups on well-focussed subjects in magnetised plasma physics. The international meetings will gather 25 to 35 experts during three weeks.

The **objective** is three fold. First, the participants will present the most recent results in the field and promote new ideas. Secondly sub-groups will be formed and start new common work on the subject. In this regard, it is expected that the participants will cover a broad spectrum of expertise. The third objective is to provide educational training for PhD and post-doc students.

The **sixth meeting** of the "**Festival de Théorie**" will be organised from **July 4th** to **July 22nd 2011** in **Aix-en-Provence**. The subject will be "**General Principles for Relaxation and Self-Organization**".

Participants will come from various fields of research, namely fusion, space and astrophysics.

Participants will be invited by the Scientific Committee and notified in the coming weeks. Your contribution and suggestion to the scientific organisation is welcomed.

Scientific organisation

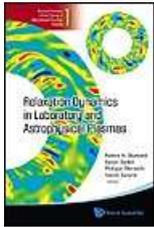
Each half-day of the meeting will start with a presentation given by a participant. Morning presentations will be dedicated to tutorial lectures. Blackboard presentations and discussions will be promoted. Most of the time will be shared between individual work and discussions in working groups.

Lectures will be given by some of the senior participants to the young scientists attending the meeting. These lectures aim at introducing, in a pedagogical way, the most advanced concepts and results presented during the talks.

This invitation covers the 3 weeks of the venue. We strongly encourage a participation of 2 weeks minimum. The number of participants is limited to about 35 senior scientists. We wish to keep the Festival de Théorie open to less experienced theoreticians, Post-docs and PhD students.

Financial support was offered to several participants for the previous venues of the Festival. Such a support will be available for the present meeting; priority will be given to the longer stays with an increased effort to support the students.

Publications



The lectures, plus dedicated talks, will be gathered and published in the book series "Biennial Reviews of the Theory of Magnetized Plasmas" (World Scientific). The first volume, dedicated to "Relaxation Dynamics in Laboratory and Astrophysical Plasmas", can be directly ordered on the Editor's WEB site.

(<http://www.worldscibooks.com/physics/7556.html>)

The participants are encouraged to acknowledge fruitful discussions at the "Festival de Théorie" in their own publications, whenever it is appropriate.

Site

These meetings are organised jointly by the Universities of Aix-Marseille and CEA Cadarache. The present meeting will be organised on the campus of University Paul Cézanne (Aix-Marseille III), located in Aix-en-Provence. Offices and microcomputers connected to the network will be available.

Aix-en Provence is a beautiful city in Provence, close to the "Luberon" hills and vineyards. Many festivals take place in Provence on July, in particular the "Festival d'Art Dramatique" in Avignon and the "Festival d'Art Lyrique" in Aix en Provence.

More information

Information on the previous Festivals, on accommodation, transportation, scientific activity, etc. can be found on the following WEB site:

<http://www-fusion-magnetique.cea.fr/festival-theorie/Festival200X/index.html>

(with $X=\{1,3,5,7,9\}$)