



# CEMRACS 2010

Centre d'Été **M**athématique de **R**echerche **A**vancée  
en **C**alcul **S**cientifique

<http://smai.emath.fr/cemracs/cemracs10/>

Centre International de Rencontres Mathématiques (CIRM)

Marseille, 19 July - 27 August 2010



## Numerical Methods for Fusion



### Lectures SMF session (19 - 23 July):

- **Pierre Degond** (CNRS, Univ. Toulouse)  
Asymptotic preserving schemes for fusion modelling.
- **Bruno Després** (Univ. Paris VI)  
Numerical methods for inertial confinement fusion.
- **Virginie Grandgirard** (CEA Cadarache)  
Gyrokinetic simulations of magnetic fusion plasmas.
- **Stephen C. Jardin** (PPPL, Princeton)  
MHD simulations for fusion applications.
- **Cédric Villani** (ENS, Lyon)  
Landau damping.

### Research projects:

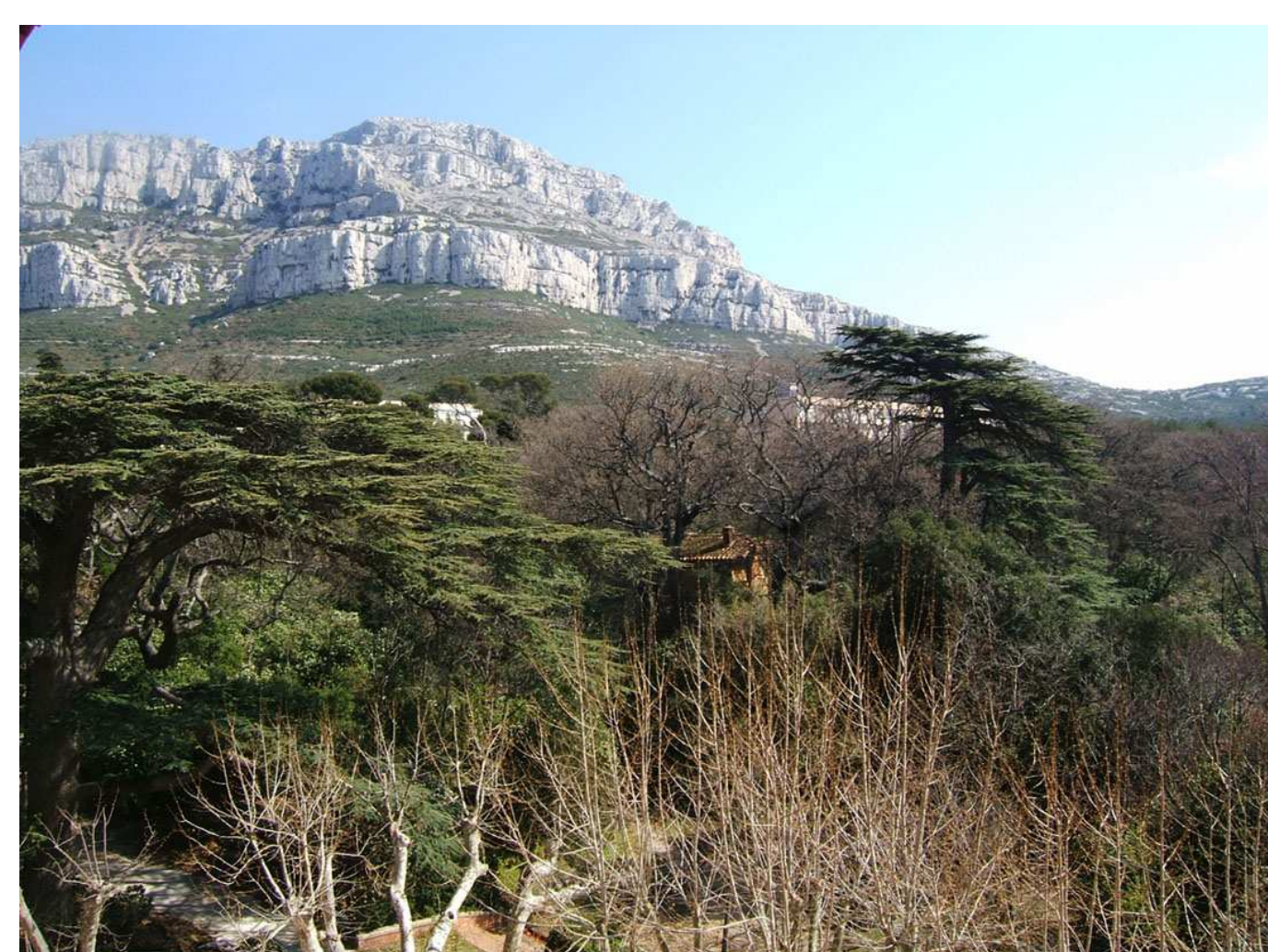
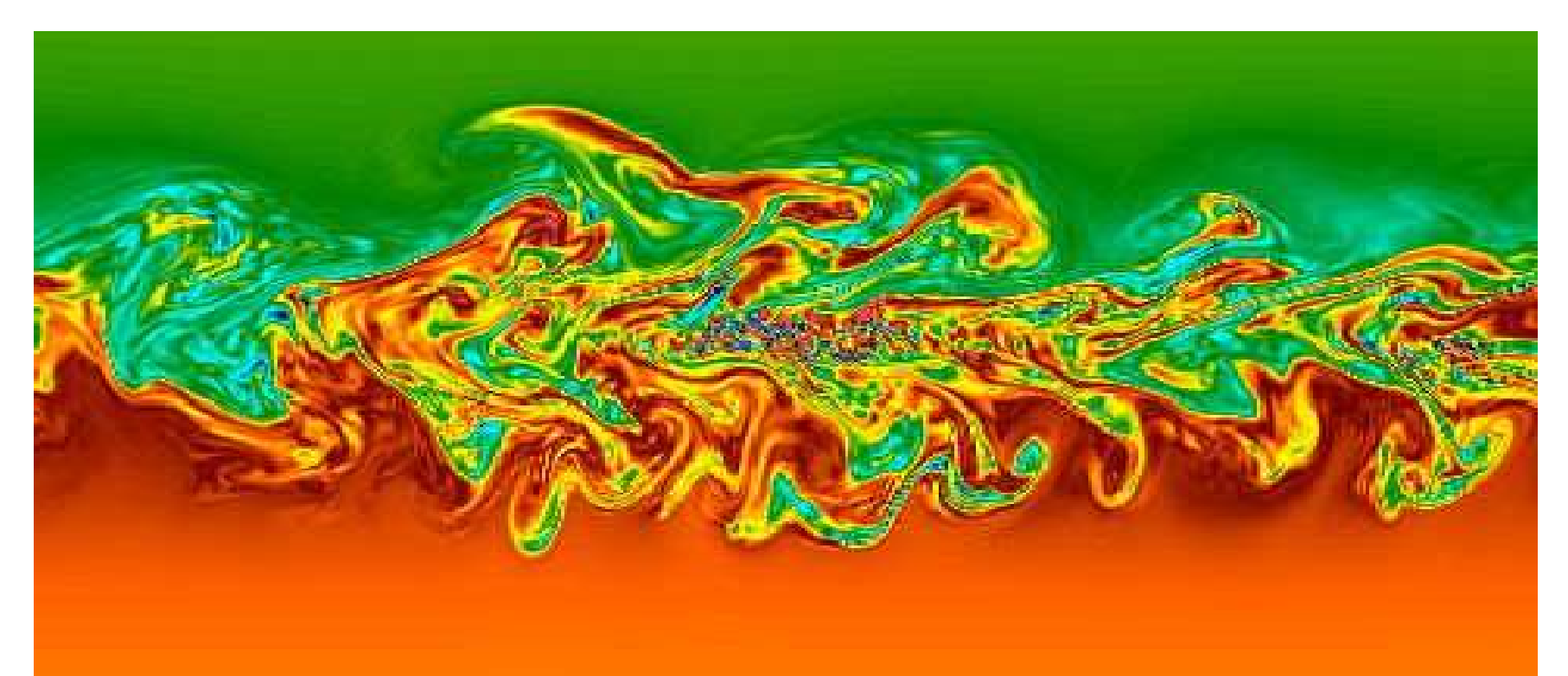
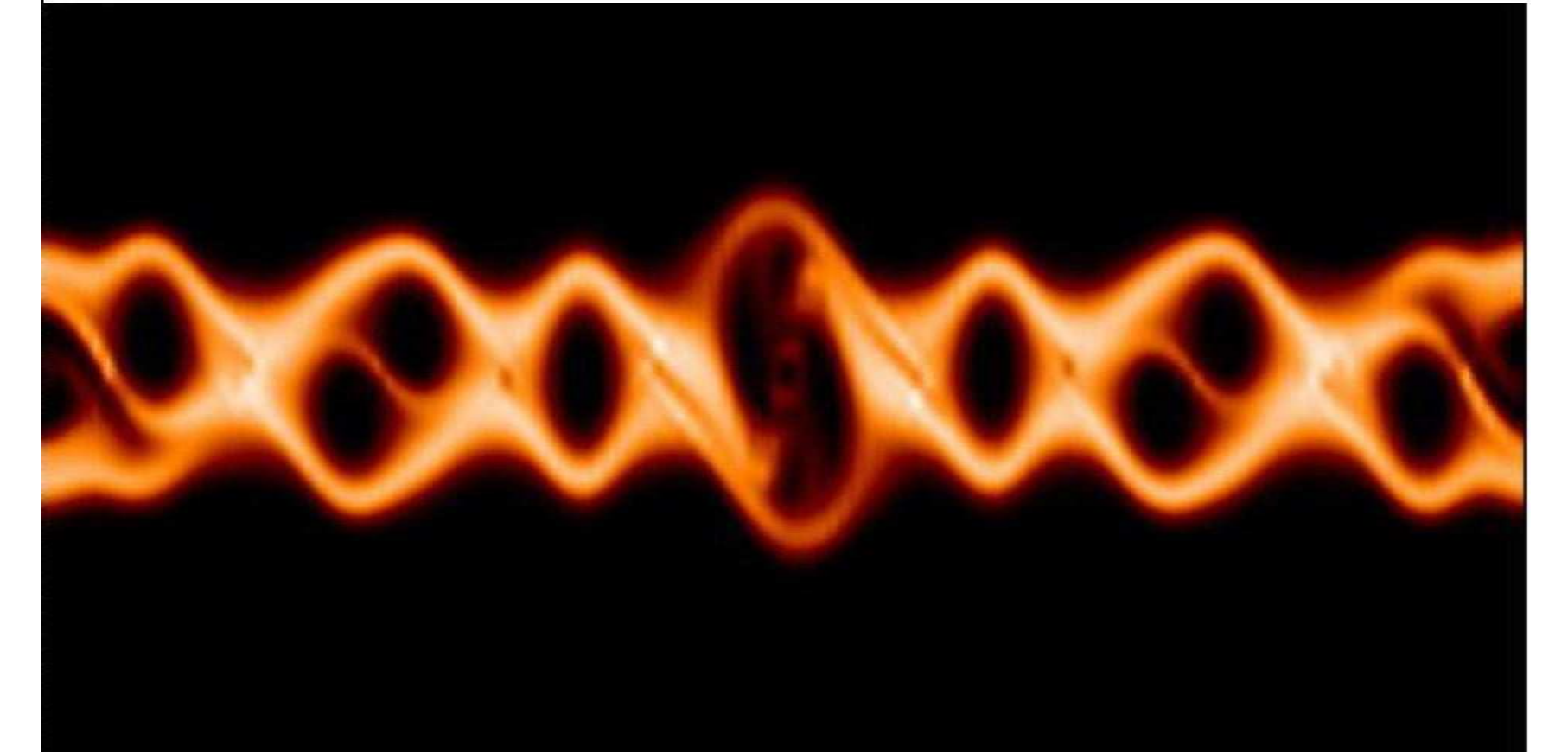
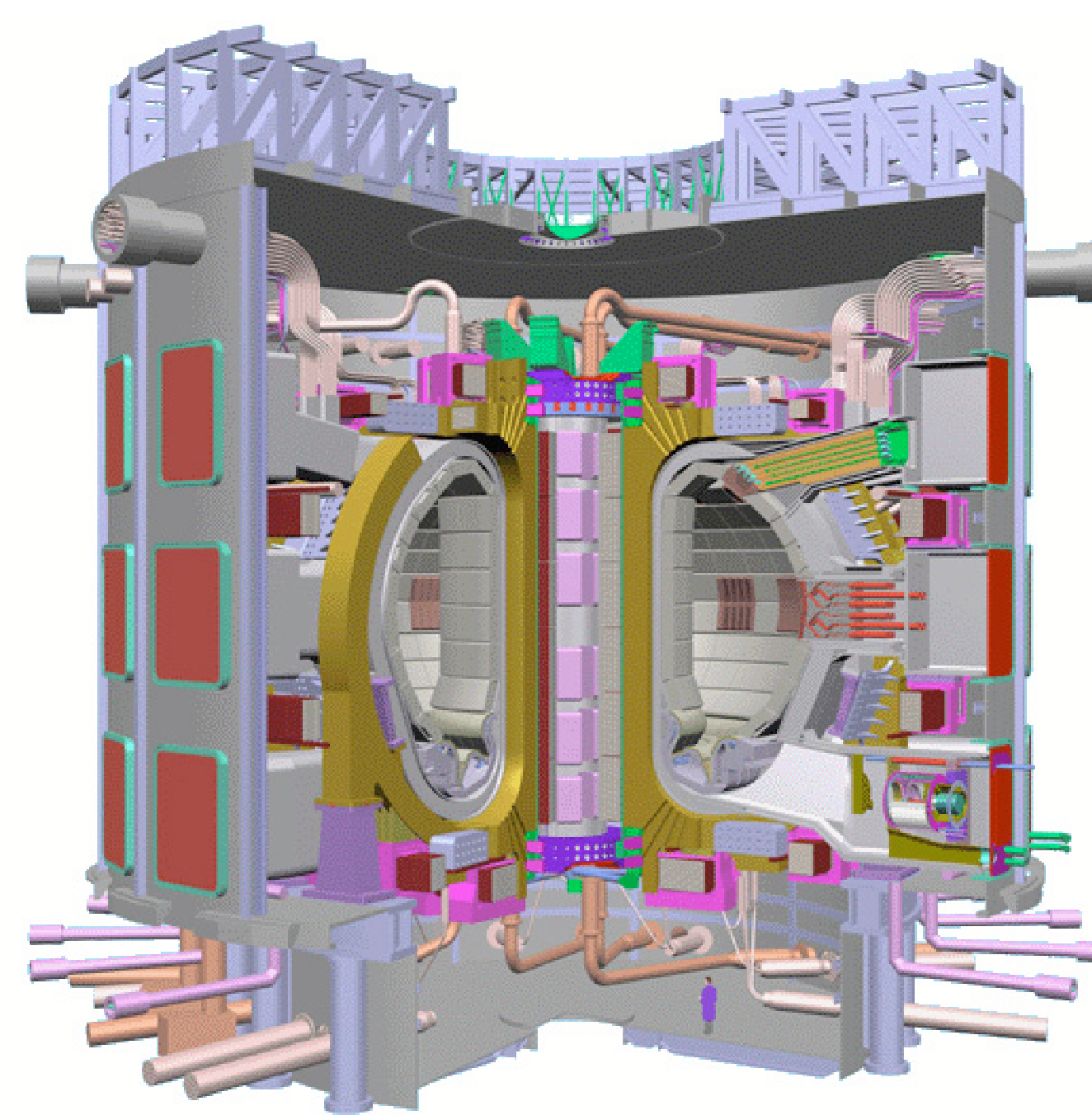
- Financial Supports



Région



Provence-Alpes-Côte d'Azur



### Organizers:

- Nicolas Crouseilles (INRIA Nancy Grand Est)
- Hervé Guillard (INRIA Sophia-Antipolis)
- Boniface Nkonga (Univ. Nice and INRIA)
- Eric Sonnendrücker (Univ. Strasbourg and INRIA)



### Informations and registration:

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