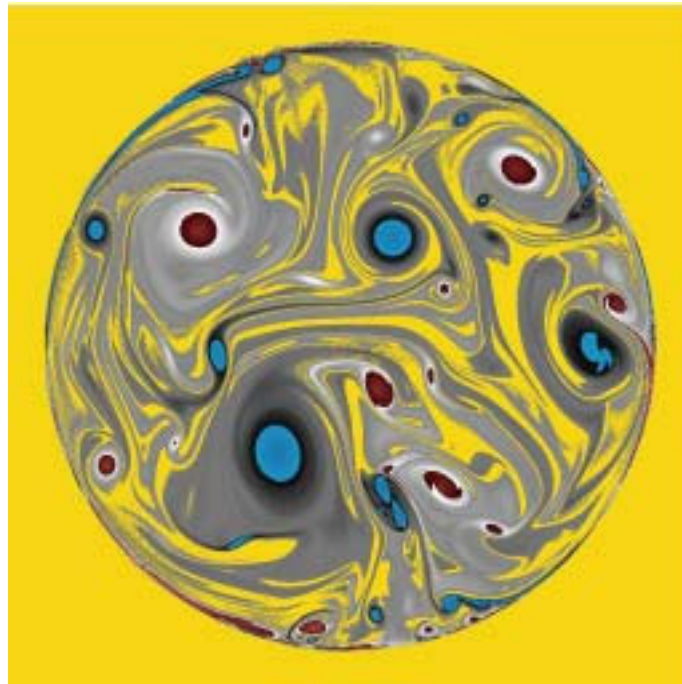


ANR* Program : M²TFP

Multiscale methods for analyzing and computing fluid and plasma turbulence :
Applications to magnetically confined plasmas in fusion devices.

The aim of the projet is the development and validation of efficient multiscale methods to compute turbulent flows in tokamaks, in particular for ITER. Wavelet-based analysis tools will be developed and applied to experimental data (measured in the tokamak Tore-Supra, CEA-Euratom, Cadarache) and numerical data from computer simulations. The results thus obtained will guide the development of new self-adaptive numerical methods for high performance computing.



1 Assistant Professor position in France (with tenure)

in Scientific Computing/Plasma Physics
at Ecole Centrale Marseille and the CNRS laboratory MSNM
(opening expected in September 2006)

The ideal candidat should have a double competence in scientific computing and plasma physics with a teaching vocation in both fields. The knowledge of french is a necessary condition and candidates should have the 'French qualification aux fonctions de maîtres de conférences'. Women are encouraged to apply.

For further information about the procedure how to apply please contact:

Prof. Kai Schneider
email: kschneid@cmi.univ-mrs.fr
<http://www.l3m.univ-mrs.fr/site/schneider.htm>

* National Research Agency (French NSF)