

Dear Colleagues,

An International Conference on Ensemble Methods in Geophysical Sciences will be held in Toulouse, France, from 12 to 16 November 2012, under the sponsorship of Météo-France, the World Meteorological Organization (WMO) and the French Agence Nationale de la Recherche.

Bayesian estimation methods, intended at determining the probability distribution of quantities of interest, conditioned by the available relevant information, are becoming more and more common in Meteorology and Oceanography, and in all Geophysical Sciences. In particular, ensemble methods, in which the conditional probability distribution is described by a number of points in state space, have recently experienced a very rapid and significant development, both as concerns assimilation of observations (ensemble Kalman filter, ensemble variational assimilation, particle filters) and prediction. The Conference is intended at providing a forum for discussion and evaluation of ensemble methods, and at identifying new avenues for research and development. The topics to be discussed at the Conference will bear largely on applications of ensemble methods in Meteorology and Oceanography. But all domains of Geophysical Sciences will be considered, as well as possibly other domains of application, with expected mutual benefit for all sides. Participation of experts in all aspects of ensemble methods (theory, algorithmic implementation, practical applications, evaluation, ...) will be sought.

The Second Announcement and Call for Abstracts will be circulated in February .

New information will be posted as it becomes available on the site of the Conference

<http://www.meteo.fr/cic/meetings/2012/ensemble.conference/index.html>

International Scientific Committee (to be completed)

Christophe Baehr Météo-France Toulouse, France
Dale Barker Meteorological Office Exeter, United Kingdom
Laurent Bertino NERSC Bergen, Norway
Marc Bocquet ENPC Marne-La-Vallée, France
Jochen Bröcker MPI Dresden, Germany
Frédéric Chevallier IPSL Paris, France
Pierre Del Moral INRIA Bordeaux, France
Gérald Desroziers Météo-France Toulouse, France
Alexandre Fournier IPGP Paris, France
Tilmann Gneiting Heidelberg University Heidelberg, Germany
Peter Houtekamer CMC Montreal, Canada
Eugenia Kalnay University of Maryland Maryland, United States of America
François Le Gland IRISA-INRIA Rennes, France
Etienne Mémin IRISA-INRIA Rennes, France

Tim Palmer ECMWF Reading, United Kingdom
Leonard Smith Oxford University, Oxford, United Kingdom
Chris Snyder NCAR Boulder, United States of America
Olivier Talagrand IPSL Paris, France
Peter Jan van Leeuwen University of Reading Reading, United Kingdom

Organizing Committee

Christophe Baehr Météo-France Toulouse, France
Sylviane Balland Météo-France Toulouse, France CIC secretary
Frédéric Chevallier IPSL Paris, France
Gérald Desroziers Météo-France Toulouse, France
François Le Gland IRISA-INRIA Rennes, France
Jean Maziejewski Météo-France Toulouse, France CNRM/GMAP secretary
Etienne Mémin IRISA-INRIA Rennes, France
Olivier Talagrand IPSL Paris, France
Isabelle Varin Météo-France Toulouse, France CIC secretary

Please circulate this announcement to people who might be interested.

--

Olivier Talagrand
Laboratoire de Météorologie Dynamique
École Normale Supérieure
24 rue Lhomond
75231 Paris cedex 05
France