SÉMINAIRE DE MATHÉMATIQUES SUPÉRIEURES 2007
NATO ADVANCED STUDY INSTITUTE

HAMILTONIAN DYNAMICAL SYSTEMS AND APPLICATIONS
SYSTÈMES DYNAMIQUES HAMILTONIENS ET APPLICATIONS

Université de Montréal
June 18-29 juin 2007

SPEAKERS/CONFÉRENCIERS :
Kam Theory :
Eliasson, Hakan, Université de Paris VII, France
Yuan, Xiaoping, Fudan University, People Republic of China.
Stolovich, Laurent, Université de Toulouse, France.
Hamiltonian PDE and small divisors :
Poeschel, Jurgen, Stuttgart, Germany.
Bourgain, Jean, Institute for Advanced Study (Princeton), USA.
Hamiltonian PDE and Nekhoroshev theory :
Bambusi, Dario, Università di Milano, Italy.
Variational methods in Hamiltonian dynamics :
Rabinowitz, Paul, University of Wisconsin-Madison, USA.
Berti, Massimiliano, SISSA/ISAS, Italy.
Arnold diffusion :
Cheng, C.-Q., Nanjing University, People Republic of China.
De la Llave, Rafael, University of Texas – Austin, USA.
Hamiltonian dynamical systems :
Treschev, Dimitry, Moscow State University, Russia.
Applications to celestial mechanics :
Chenciner, Alain, Observatoire de Paris / CNRS, France.
Applications to control theory :
Agrachev, Andrei, SISSA / ISAS, Italy.
Applications to PDE :
Wayne, C. Eugene, Boston University, USA.
Applications to averaging methods and adiabatic invariants :
Neistadt, Anatoly, Space Research Institute, Russia.

This summer school is aimed primarily at postdoctoral fellows, doctoral students and junior faculty. Financial support available. pplication Deadline/Date limite des candidatures : February 28 février 2007.

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