



Natural
Sciences
Sector



**MATHEMATICS OF PLANET EARTH DAY (MPE 2013)
European Launch of MPE2013 and
Launch of the International Mathematics of Planet Earth Exhibition**

March, 5th 2013 (Room XI and Halls X-XI, Fontenoy)

9:00 – 9:30 *Welcoming coffee in Hall XI close to the UNESCO
Fontenoy Conference Room XI*

9:30 – 10:15 Opening speech from UNESCO DG or her representative,
ADG/SC talking points, brief speeches from representatives
of IMU, French national commission, and of the European
Mathematical Society:

- a) Ms Irina Bokova, Director-General UNESCO;
- b) Ms Gretchen Kalonji, SC Assistant Director-General UNESCO;
- c) Prof Jean Audouze, President of French National Commission;
- d) Prof Wendelin Werner, Executive Committee member of IMU,
winner of the Fields Medal in 2006;
- e) Prof Marta Sanz-Solé, President of the European Mathematical
Society.

10:15 – 10:45 Presentation of MPE 2013 by Prof Christiane Rousseau,
International Coordinator of MPE2013

10:45 – 11:15 Presentations of the Open Source platform of IMAGINARY
used for the exhibition:

- a) Prof Gert-Martin Greuel, Director of Mathematisches
Forschungsinstitut Oberwolfach;
- b) Mr Klaus Tschira, Founder of the Tschira Foundation (KTF).

11:15 – 12:15 Presentation of the MPE competition, of the winning modules and award ceremony chaired by Prof Ehrhard Behrends

12:15 – 14:00 *Lunch and refreshments in Hall X of UNESCO Fontenoy*

14:00 – 15:00 Presentation of the movie « Terres natales » worked out by the Fondation Cartier pour l'art contemporain

15:00 – 15:45 Lecture by Prof Edward Lungu (University of Botswana) on African related Mathematics of Planet Earth topics

15:45 – 16:00 *Coffee break in Hall X of Fontenoy*

16:00 – 17:30 Panel discussion on “What can mathematics do for the Planet?” In collaboration with the ARP “MathsinTerre”

- a) Prof Frederic Dias, School of Mathematical Sciences, University College Dublin, Ireland
- b) Prof John Dudley, Institute FEMTO-ST, University of Franche-Comté, Besançon, France
- c) David Lannes, Director of research at CNRS - Ecole Normale Supérieure (ENS), Paris, France
- d) Philippe Naveau, Researcher at Laboratoire des Sciences du Climat et de l'Environnement, IPSL-CNRS, Gif sur Yvette, France
- e) Dr Fanja Rakotondrajao, University of Antananarivo, Madagascar
- f) UNESCO programme specialist in hydrology/tsunamis

March 5th 2013, at Jussieu Campus, Amphi 25 (4 Place Jussieu 75005 Paris)

18:30 – 20:00 Public lecture by Prof Hervé le Treut, Director of the Institute Pierre-Simon-Laplace “Climate models: mathematical, physical and conceptual models”

March 5th 2013 at Halls X, XI of Fontenoy Building; and from the 5 to the 8th March 2013 at Hall Miollis of UNESCO Premises:

10:00 – 17:45 Mathematics Exhibitions (Virtual and physical modules, films, posters)