

Mathematics of Planet Earth



Competition for Exhibition Modules Understand global changes endangering our planet

Dakar, Senegal, March 8, 2016. The Next Einstein Forum (NEF) Global Gathering 2016 will host the launch of a new international competition for exhibition modules for the open source exhibition Mathematics of Planet Earth (MPE). This project aims to raise awareness of global changes endangering our planet and showcases ways in which the mathematical sciences can be useful in tackling our world's problems, i.e. understanding the planet's ecosystem and organizing civilization in an analytical way.

The new competition is part of the international initiative MPE, a project devised by an international community of mathematicians and scientists. The existing MPE exhibition was staged in 2013. It was originally created by the community through a competition and has been constantly growing since. The exhibition consists of interactive and physical modules, films and images. The modules can be reproduced and adapted by science museums and schools around the world.

This second international competition, jointly organized by IMAGINARY, UNESCO, the International Mathematical Union (IMU) and the International Commission on Mathematical Instruction (ICMI), will enrich the exhibition with new modules, aiming to address challenges in Africa and other regions of the world. The deadline for submissions is June 30, 2017. The first, second and third prize will be awarded 5000, 2000 and 1000 USD respectively. There is a special prize for topics with a direct relation to or impact on the African continent (2000 USD).

Christiane Rousseau, initiator of the MPE project, says: "For more than seven years I have been dreaming about Mathematics of Planet Earth. Ever since, I shared this dream with many people for whom it has become a passion to learn more about our planet through mathematical eyes. The MPE Exhibition belongs to all of us: it is there to grow and be enriched by new modules that will originate from the different regions of the planet and tell about their efforts to address the planetary challenges we face today."

We are happy and proud to have the NEF Global Gathering 2016 host the launch of the new MPE competition. NEF, an African Institute for Mathematical Sciences (AIMS) initiative in partnership with the Robert Bosch Stiftung, is a new global forum for science in Africa that will propel Africa onto the global scientific stage. Held every second year, NEF Global Gatherings showcase Africa's top young scientists and connect them with leaders from Africa and the rest of the world.

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Links:

<http://imaginary.org/mpe>
www.mathofplanetearth.org

Downloads:

www.imaginary.org/mpe_competition

- Photographs
- Flyer
- Rollup banner
- NEF background information



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