



The Abdus Salam  
**International Centre  
for Theoretical Physics**  
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# **ICTP-IAEA Workshop on Environmental Mapping: Mobilising Trust in Measurements and Engaging Scientific Citizenry**



**15 August - 2 September 2016**



ICTP, Miramare – Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP) and the International Atomic Energy Agency (IAEA) will jointly organize a **Workshop on Environmental Mapping: Mobilising Trust in Measurements and Engaging Scientific Citizenry**, to take place at ICTP, Trieste (Italy) from **15 August to 2 September 2016**.

## **PURPOSE OF THE SCHOOL**

The school is intended as a hands-on activity that will provide an opportunity for participants to construct, test and use their own environmental radiation sensor. Participants will develop skills in the use of open-source hardware and software tools and develop geographical information system (GIS) maps.

Throughout the school participants will engage with decision makers, leading technology thinkers, scientists and journalists on issues surrounding the collection and use of quantitative and qualitative information in the public domain and the powerful role an active informed citizen can have in society.

## **PROGRAMME:**

The programme will include the following:

- construction of a hardware system based on the Safecast.org bGeigie
- introduction to low-cost 3D printing and Scientific FabLabs
- citizen science environmental mapping projects
- lectures and practical training on GIS software tools
- lectures, discussions and exercises on issues of science communication

**GRANTS:** A limited number of grants are available to support the travel and living expenses of selected participants, with priority given to participants working in a developing country and who are at the early stages of their career.

**APPLICATION:** the online form can be accessed at: <http://indico.ictp.it/event/7640/>

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## **DIRECTORS:**

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## **LOCAL ORGANIZER:**

**Marco Zennaro**  
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## **APPLICATION DEADLINE**

**15 May 2016**

