

Joint ICTP-IAEA Advanced School/Workshop on Machine Learning in Citizen Science



27 February - 3 March 2023
An ICTP - IAEA Meeting
Trieste, Italy

Further information:

<http://indico.ictp.it/event/10139/>
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Citizen Science involves the public in scientific projects and can play an important role in generating large datasets. The convergence of data-driven Citizen Science projects and machine learning techniques can help tackle scientific and societal challenges.

Directors:

M. BARBARINO, IAEA
A. FLATTEN, The American Physical Society
A. MISHRA, UNESCO (IHP)
P. RUDOLF, European Physical Society
K. VERBIST, UNESCO

The lectures cover the following topics:

- Introduction to Citizen Science
- Introduction to Open Science
- Basic concepts/tools for Machine Learning techniques
- Challenges and opportunities of using Machine Learning in Citizen Science
- Ethical aspects of Machine Learning in Citizen Science
- Machine Learning for nuclear science, technology and applications
- Using Machine Learning and Citizen Science to address the UN Sustainable Development Goals

Local Organiser:

M. ZENNARO, ICTP, Italy

Call for Contributed Abstracts:

In the application form, all applicants are encouraged to submit an abstract of a case study. A limited number of abstracts will be selected for an oral presentation.

How to apply:

Online application:
<https://indico.ictp.it/event/10139/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries.

There is no registration fee.

Deadline:

8 January 2023

