

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



28 November - 2 December 2022
An ICTP - IAEA Virtual Meeting
Trieste, Italy

Further information:
<http://indico.ictp.it/event/9829/>
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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.

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 sciences and applications
- Using Machine Learning and Citizen Science to address the UN Sustainable Development Goals

Call for contributed abstracts:

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

Directors:

M. BARBARINO, IAEA, Austria
A. FLATTEN, The American Physical Society, USA
A. MISHRA, UNESCO (IHP), France
P. RUDOLF, University of Groningen, Netherlands

Local Organiser:

M. ZENNARO, ICTP, Italy

How to apply:

Online application:
<http://indico.ictp.it/event/9829/>

Registration:

There is no registration fee.

Deadline:

11 November 2022

Female scientists are encouraged to apply.



The Abdus Salam
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for Theoretical Physics
www.ictp.it
Trieste, Italy

