

ICTP-EAUMP School on Mathematical Programming and Algorithms - an African Mathematical School



11 - 29 July 2022
An ICTP - EAUMP Hybrid Meeting
Nairobi - Kenya

Further information:
<http://indico.ictp.it/event/9815/>
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This African Mathematical School is also an activity of AMU,
supported by CIMPA

Organised by the University of Nairobi, to be held at Kenya
School of Government, Nairobi, Kenya

The school will include:

- An intensive course in programming in Python, coordinated by Jean-Baptiste Yunès (Institut de Recherche en Informatique Fondamentale, Université Paris Cité) where the participants will learn to write correct programs.
- An intensive course in algorithms, coordinated by Roberto Mantaci (Institut de Recherche en Informatique Fondamentale, Université Paris Cité) where the participants will learn to write efficient programs.
- An intensive course on SageMath, a free, open-source, Python-based mathematics software system, coordinated by Anna Vanden Wyngaerd (Institut de Recherche en Informatique Fondamentale, Paris and Université libre de Bruxelles) where the participants will learn to apply to mathematical research the efficient programming techniques learnt in the two other courses.

All courses will be composed of main lectures and applications in the form of exercise sessions or work sessions on machines.

How to apply:

Online application:
<http://indico.ictp.it/event/9815/>

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.



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