



The Abdus Salam
International Centre
for Theoretical Physics



2026 ACCLIMATISE Hackathon

DESCRIPTION:

The ACCLIMATISE Hackathon 2026 is the first of an annual series, bringing together early-career scientists from partner institutions for three weeks of hands-on training in climate analysis, vector modelling, and AI applications to assess the impact of climate change on malaria in Africa.

MORE INFORMATION:

The ACCLIMATISE Hackathon 2026 is the first in a series of annual training events designed to strengthen climate-health research capacity across Africa. This three-week immersive programme brings together early-career scientists for hands-on learning in climate science, malaria modelling, and AI applications. Participants will work collaboratively on projects based on the open-source VECTRI and OpenMalaria modelling frameworks, along with climate data downscaling and analysis, while also gaining practical experience in the deployment of weather stations and low-cost climate sensor networks. Through lectures, collaborative coding sessions, the hackathon fosters technical excellence, collaboration, and the development of climate-informed solutions for malaria control and public health.

TOPICS:

- Climate data downscaling and analysis
- Training on the use of VECTRI and OpenMalaria models
- Practical insights on weather station deployment and maintenance

SPEAKERS:

Cyril Caminade
ICTP, Italy

Laurel DiSera
ICTP, Italy

Laura Andrea Barrero Guevara
New York University, USA

*Miguel Garrido Zornoza
ICTP, Italy

*Mamadou Thiam
ICTP, Italy

*Simona Bordoni
University of Trento, Italy

*Nakul Chitnis
Swiss Tropical and Public Health Institute,
Switzerland

Adrian Tompkins
ICTP, Italy

*To be confirmed

Co-Sponsors:



ACCLIMATISE is a three-year project funded by Wellcome Trust



19 October - 6 November 2026



Trieste, Italy



Deadline:
9 August 2026

LOCAL ORGANISER:

Adrian Tompkins, ICTP, Italy

FURTHER INFORMATION:

E-mail: smr4330@ictp.it

Web: <https://indico.ictp.it/event/11399/>

Female scientists are encouraged to apply



PARTICIPATION:

Only upon invitation.
There is no registration fee

