



# THE FOURTH AFRICAN CONFERENCE ON FUNDAMENTAL AND APPLIED PHYSICS (ACP2025)



Université de Lomé

Organized jointly by ASP & the University of Lomé, Togo

September 14<sup>th</sup>–20<sup>th</sup>, 2025

## SCIENTIFIC PROGRAM

### PARTICLES AND APPLICATIONS

- ▷ Nuclear & Particle Physics
- ▷ Medical Physics
- ▷ Fluid & Plasma Physics
- ▷ Heavy-Ion Physics
- ▷ Astrophysics & Cosmology
- ▷ Neutron Sources

### LIGHT SOURCES AND APPLICATIONS

- ▷ Light Sources
- ▷ Condensed Matter & Materials Physics
- ▷ Biophysics
- ▷ Earth Physics
- ▷ Renewable Energies & Energy Efficiency
- ▷ Optics & Photonics, Nanoscience

### CROSS-CUTTING FIELDS

- ▷ Artificial Intelligence & Machine Learning
- ▷ Accelerator Physics
- ▷ Statistical Analysis
- ▷ Complex Systems
- ▷ Detectors & Instrumentation

### SOCIETAL ENGAGEMENTS

- ▷ Physics Education
- ▷ Young Physicists Forum
- ▷ Women in Physics
- ▷ Community Engagement



<https://indi.co.cern.ch/event/1458227/>

