



Kingdom of Morocco
Ministry of Higher Education,
Scientific Research and Innovation

THE EIGHTH BIENNIAL AFRICAN SCHOOL OF FUNDAMENTAL PHYSICS AND APPLICATIONS

(ASP2024)



Co-organized by Cadi Ayyad University and Mohammed V University
at Faculty of Science Semlalia, Marrakesh, Morocco

April 15th-19th and July 7th-21st, 2024

ASP MISSION

To increase capacity development in fundamental physics and related applications in Africa. The ASP has evolved to be much more than a school. It is a program of actions with directed ethos toward physics as an engine for development in Africa.

SCIENTIFIC PROGRAM

TOPICS

- Nuclear & Particle Physics
- Medical and Radiation Physics
- Applied and Industrial Physics
- Theoretical and Computational Physics
- Space Physics, Astrophysics & Cosmology
- Physics for Sustainable Development
- Condensed and Materials Physics Biophysics
- Capacity Development and Retention Discussion
- Physics Education, Outreach and Communication

ACTIVITIES

- Outreach for Secondary Schools April 15th-19th, and July 15th-19th, 2024
- Physics lectures, tutorials and hands-on experimentation for students, July 7th-21st, 2024
- Workshop for High School Teachers, July 8-12, 2024
- ASP Forum, July 13th, 2024

INTERNATIONAL ORGANIZING COMMITTEE (IOC)

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INTERNATIONAL ADVISORY COMMITTEE (IAC)

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LOCAL ORGANIZING COMMITTEE (LOC)

A. Adahchour (UCA), A. Arhrib (UAE), A. Belhaj (UM5), D. Bencherkoun (UH2C), Z. Benkhaldoun (UCA), A. Boskri (UCA), H. Bouabid (UM5), M. Daoud (UIT), L. B. Drissi (UM5), M. Gouighri (UIT), Y. Hassouni (UM5), A. Hoummada (AH2ST), A. Jabiri (UCA), T. Khalla (UCA), Y. Khoulaki (UH2C), A. Lahbas (UM5), B. Manaut (UMSB), M. Ouchrif (UMP), R. Sebihi (UM5)



CHAIRS

Mohamed Chabab (UCA)
Farida Fassi (UM5)



ICTP
The Abdus Salam
International Centre
for Theoretical Physics

UNESCO
United Nations
Educational, Scientific
and Cultural Organization

60 **ICTP**
1964-2024



**THE UNIVERSITY
OF BIRMINGHAM**

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**Ministry of National Education
Preschool and Sports**

MARRAKECH
جامعة مراكش
UNIVERSITÉ CAMI ATTAQ

جامعة محمد السادس بالرباط
Université Mohamed V de Rabat

INFN
Istituto Nazionale di Fisica Nucleare

DESY

**U.S. DEPARTMENT OF
ENERGY**
Office of Science

NITheCS
National Institute for
Theoretical and Computational Sciences

**SOUTH AFRICAN
INSTITUTE OF PHYSICS**

ScIeeP
Foundation for
Science and
Technology

CERN
APS
physics

NRF
National Research
Foundation
iThemba LABS
Laboratory for Accelerator
Based Sciences

**Science and
Technology
Facilities Council**

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Université Mohamed VI de Rabat

HIF
جامعة محمد السادس بالرباط
Université Mohamed VI de Rabat

NRF
National Research
Foundation
RISA
Research and Innovation
Support and Advancement

IUPAP

**Académie Hassan II
des Sciences
et Techniques**

ess

**EUROPEAN
SOURCE**

IFAE

IOP

**Institute for High
Energy Physics**

NSF

**UK
RI**

**Science and
Technology
Facilities Council**