



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 15<sup>th</sup>–19<sup>th</sup> and July 7<sup>th</sup>–21<sup>st</sup>, 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 15<sup>th</sup>–19<sup>th</sup>, and July 15<sup>th</sup>–19<sup>th</sup>, 2024
- Physics lectures, tutorials and hands-on experimentation for students, July 7<sup>th</sup>–21<sup>st</sup>, 2024
- Workshop for High School Teachers, July 8–12, 2024
- ASP Forum, July 13<sup>th</sup>, 2024

## INTERNATIONAL ORGANIZING COMMITTEE (IOC)

B. Acharya (ICTP and King's College London), K. Assamagan (BNL), C. Darve (ESS), F. Ferroni (INFN), M. Laassiri (HIP)

## INTERNATIONAL ADVISORY COMMITTEE (IAC)

N. Blackburn (BNL), M. Campanelli (UCL), D. Charlton (University of Birmingham), S. Connell (University of Johannesburg), A. Dabrowski (CERN), T. Ekelof (Uppsala University), J. Ellis (King's College London), L. Elouadrhiri (TJNAF), E. G. Ferreira (USC), H. Gao (BNL), J. Govaerts (UCL), J. Gray (ASP), B. Heinemann (DESY), H. Holtkamp (SLAC), J. Huston (MSU), O. Ka (UCAD), Y. K. Kim (Chicago), D. Kobor (UASZ), S. C. Lee (Academia Sinica), B. Masara (SAIP), H. Montgomery (TJNAF), S. Muanza (CNRS-IN2P3), R. Nemutudi (iThemba LABS), M. Nxumalo (NRF), F. Quevedo (University of Cambridge), L. Rivkin (PSI & EPFL), L. Serafini (INFN), H. Severini (Oklahoma), P. Skands (Monash), E. Tsesmelis (CERN), L. Vacavant (CNRS-IN2P3), Z. Vilakazi (Witwatersrand), H. B. White Jr. (Fermilab), J. Yu (UTA)

## LOCAL ORGANIZING COMMITTEE (LOC)

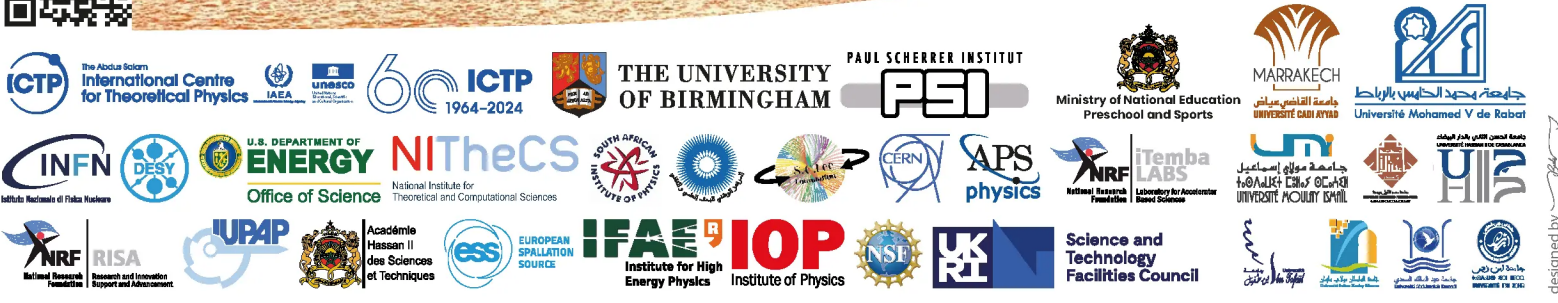
A. Adahchour (UCA), A. Arhrib (UAE), A. Belhaj (UM5), D. Benchekroun (UH2C), Z. Benkhaldoun (UCA), A. Boskri (UCA), H. Bouabid (UM5), M. Daoud (UIT), L. B. Drissi (UM5), M. Goughri (UIT), Y. Hassouni (UM5), A. Hoummada (AH2ST), A. Jabiri (UCA), T. Khalla (UCA), Y. Khoulaki (UH2C), A. Lahbas (UM5), B.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

## CHAIRS

Mohamed Chabab (UCA)  
Farida Fassi (UM5)



https://www.africanschoolofphysics.org/asp2024/



designed by