



African School of Fundamental
Physics and Applications

ASK an ASP (Alumni)

Dr. Sanae SAMSAM

From ASP to
Illuminating Africa's
Future in Light
Sources

"We must inspire and motivate more women to pursue advanced studies in the fields of physics and science. I am committed to actively engaging in these efforts upon returning home."



Origines



Education



ASP
Experience



Where
I am
actually



Origines

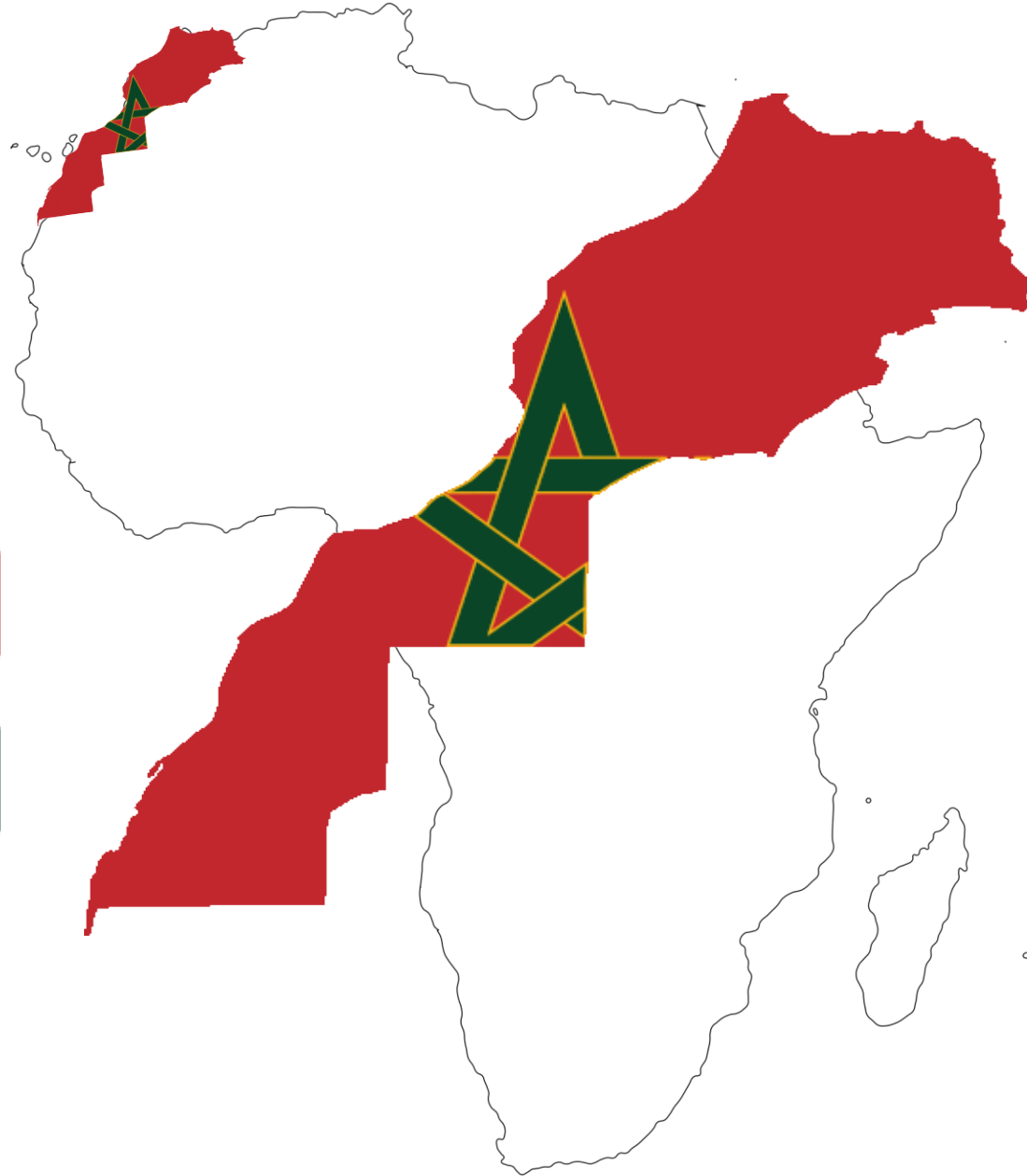


Kingdom of Morocco

Arabic, Amazigh, French,
Spanish & English.

Established: 788

Population: 37,840,044



Salé, Morocco



Rabat, Morocco





جامعة محمد الخامس بالرباط
Université Mohammed V de Rabat
<http://www.um5.ac.ma/um5/>



**M.Sc in Quantum Physics:
Applications to information theory**



B.Sc in Mechanical Energy



B.SC in Medical Physics





ASP School Edition



ASP 2016, Kigali, Rwanda





ASP16 folks

The Mentorship Program



Dr. Luca Serafini
INFN

Dr. Kétévi Assamagan
BNL

<https://www.africanschoolofphysics.org/mentoring-and-coaching-program/>

ASP 2016 Folks



African School of Fundamental
Physics and Applications



November 2022, Finland



September 2023, South Africa



ASP 2016 Folks



Mounia Laassiri
Post Doc
University of Helsinki



George Zimba
Post Doc
FRIB, MSU



Jessica Li
PhD in Astrophysics
University of Arizona



Davis Welakuh
Post Doc
New York University



Kamanzi
Oncology Medical Physicist,
Rwanda



Enoch Ejopu
PhD in Particle Physics
University of Manchester



Eric Samikwa
PhD in Computer Sc
University of Bern



Abulgaffar Abdulrazzak
Post Doc
LAAS CNRS, Toulouse



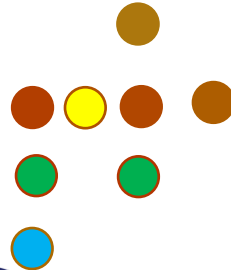
Ann Njeri
Research Assistant
NCL, UK



Uche Ogbonnaya
MOBSOL Technologies
Abuja, Nigeria



Post Doc



- Optimization and simulations of X-ray Compton radiation spectra in the linear and non-linear regime.
- High energy line measurements of STAR Project in Calabria, Italy.
- Simulations of HOM effects on BD in SC cavities for BriXSinO projects in Milan, Italy.



Ph.D Accelerator Physics

9/29/2023

The STAR logo is written in a bold, red, italicized sans-serif font with a white star on the right side of the 'R'. It is positioned on a white rectangular background that looks like a page corner.

<https://star.unical.it/>

<https://indico.cern.ch/event/1229551/sessions/505466/#20230925>





SAPIENZA
UNIVERSITÀ DI ROMA

Ministero degli Affari Esteri
e della Cooperazione Internazionale


References



- ASP Mentorship Program
<https://www.africanschoolofphysics.org/mentoring-and-coaching-program/>
- MAEICI Scholarship:
https://www.esteri.it/en/opportunita/borse-di-studio/per-cittadini-stranieri/borsestudio_stranieri/
- Training and Research in Italian Laboratories (TRIL)
<https://www.ictp.it/opportunity/training-and-research-italian-laboratories-tril>
- PhD in Accelerator scholarship at LA SAPIENZA University.
https://phd.uniroma1.it/web/ACCELERATOR-PHYSICS_nD3504_EN.aspx



**See you next year in ASP₂₄,
Marrakech, Morocco**



I believe that the future of physics in Africa is bright, and it's our collective responsibility to ensure that this light continues to shine. Let us seize this conference as an opportunity not only to exchange groundbreaking ideas but also to nurture the seeds of curiosity and ambition in the hearts of our young scientists, with a special focus on encouraging **women** to pursue careers in physics.

Thank you

NELSON MANDELA
UNIVERSITY

African Conference of Physics ACP2023, George, South Africa

9/29/2023