

8th African School on Electronic Structure Methods and Applications - ASESMA 2025 | (SMR 4081)

09 Jun 2025 - 20 Jun 2025
Outside, Ghana

9 Directors

1. AKIN-OJO Omololu	(In Pers.)	University of Ibadan	Nigeria
2. EGBLEWOGBE Martin Nana Yaw Hama	(In Pers.)	University of Ghana	Ghana
3. GOVENDER Krishna	(In Pers.)	University of Johannesburg	South Africa
4. HAGOSS Gebreyesus Gebremedhn (Garu)	(In Pers.)	Department of Physics, School of Physical and Mathematical sciences, College of Basic and Applied Sciences, University of Ghana	Ghana
5. KLUTSE Nana Ama Browne	(In Pers.)	University of Ghana	Ghana
6. MARTIN Richard Mc Fadden	(In Pers.)	Stanford University	United States of America
7. NARASIMHAN Shobhana	(In Pers.)	JNCASR	India
8. SERIANI Nicola	(In Pers.)	ICTP	Italy
9. TIMROV Iurii	(In Pers.)	Paul Scherrer Institut (PSI)	Switzerland

14 Speakers

1. BONELLA Sara	(In Pers.)	CECAM, EPF-Lausanne	Switzerland
2. CARBOGNO Christian	(In Pers.)	Fritz-Haber-Institut Der Max-Planck-Gesellschaft	Germany
3. CASIDA Mark Earl	(In Pers.)	Universite Grenoble Alpes Institut de Chimie Moleculaire de Grenoble Laboratoire de Chimie Theorique	France
4. CHETTY Nithaya	(In Pers.)	University of the Witwatersrand	South Africa
5. DONKOR Edward Danquah	(In Pers.)	Politecnico di Torino	Italy
6. DZADE Nelson Yaw	(In Pers.)	Penn State University	United States of America
7. GATTI Matteo	(In Pers.)	Ecole Polytechnique Laboratoire des Solides Irradies LSI	France
8. JONES Glenn	(In Pers.)	Phasecraft	United Kingdom of Great Britain an
9. JUNQUERA QUINTANA Francisco Javier	(In Pers.)	Universidad de Cantabria Departamento de Ciencias de la Tierra y Fisica de la Materia Condensada	Spain
10. KOWALSKI Piotr Michal	(In Pers.)	Forschungszentrum Juelich	Germany
11. MANYALI George Simiyu	(In Pers.)	Kaimosi Friends University	Kenya
12. PAVANELLO Michele	(In Pers.)	Rutgers University	United States of America
13. SIFUNA James Simiyu	(In Pers.)	The Catholic University of Eastern Africa Department of Natural Science	Kenya
14. ZHUANG Houlong	(In Pers.)	Arizona State University	United States of America

7 Tutors

1. CARTA Alberto	(In Pers.)	ETH Zurich D-MATL	Switzerland
2. CIGNARELLA Chiara	(In Pers.)	University of Bremen U Bremen Excellence Chair and Hybrid Materials Interfaces Group - BCCMS	Germany
3. DAEHN Horst-Hildebrand Christoph	(In Pers.)	Fritz-Haber-Institut der Max-Planck-Gesellschaft, TH Department	Germany
4. FATEMA YAHYA MOHAMED SAEED	(In Pers.)	Ecole Polytechnique Laboratoire des Solides Irradiés Theoretical Spectroscopy Group	France
5. JOLAYEMI Omamuyowwi Rita	(In Pers.)	Covenant University Department of Physics	Nigeria
6. MARAM ALI AHMED MUSA	(In Pers.)	National Ribat University Basic Sciences Department	Sudan
7. SOLIS GONZALEZ Edrick	(In Pers.)	CECAM, EPF-Lausanne	Switzerland

41 Participants

1. ABABIO Priscilla Adjoa	(In Pers.)	University of Ghana Department of Physics	Ghana
2. ABDALLAH Brahim Elhadj Ali	(In Pers.)	Centre National de Recherche pour le Développement	Chad

3.	ADEGOSHO Rehima Sheberu	(In Pers.)	Addis Ababa University Department of Chemistry and Physical Chemistry Computational Chemistry Lab	Ethiopia
4.	ADEYEMI Victor Ayobami	(In Pers.)	University of Ibadan Department of Physics	Nigeria
5.	ADZORZE Success Kwabla	(In Pers.)	Kwame Nkrumah University of Science and Technology (KNUST) Department of Chemistry Computational Chemistry Lab.	Ghana
6.	AGENA Abezu Agegnehu	(In Pers.)	Adama Science and Technology University	Ethiopia
7.	AMEDEDJISSO Kokou Ignace	(In Pers.)	University of Lomé Department of Physics	Togo
8.	AMOYAW Newman	(In Pers.)	University of Ghana Department of Physics	Ghana
9.	ASARE Ariel Sharon	(In Pers.)	University of Ghana Department of Physics	Ghana
10.	AYOOLA Adeolu Olusola	(In Pers.)	University of Ibadan Physics Department	Nigeria
11.	BAFFA Farouk Usman	(In Pers.)	African University of Science and Technology Abuja Department of theoretical and applied physics	Nigeria
12.	BOTCHWAY Cecil Humphrey	(In Pers.)	-	Ghana
13.	BOUKACHABIA Samira	(In Pers.)	Badji Mokhtar University (LM2S) Laboratory of Magnetism and Spectroscopy of Solids	Algeria
14.	CHIBUEZE Timothy Chibuike	(In Pers.)	University of Nigeria Theoretical Condensed Matter Physics group	Nigeria
15.	FWALO Chewe	(In Pers.)	University of Pretoria Department of Physics	South Africa
16.	GASU Edward Ntim	(In Pers.)	ICTP-East African Institute for Fundamental Research University of Rwanda	Rwanda
17.	GEBREMEDHIN Liya Gebrehiwot	(In Pers.)	Addis Ababa University College of Natural and Computational Science Department of Material Science	Ethiopia
18.	KEYA Diana Cherop	(In Pers.)	Maasai Mara University	Kenya
19.	KIBALATSI Emmanuel	(In Pers.)	Nkoma s.s	Uganda
20.	LINCOLN Isaac Obeng	(In Pers.)	University of Ghana Department of Physics	Ghana
21.	MASORA Blessing Fadza	(In Pers.)	University of Johannesburg Faculty of Science Department of Chemical Sciences	South Africa
22.	MENKAH Elliot Sarpong	(In Pers.)	Kwame Nkrumah University of Science and Technology Department of Chemistry Theoretical and Computational Chemistry Lab.	Ghana
23.	MOHAMMED Lawal	(In Pers.)	Ahmadu Bello University Zaria Department of Physics	Nigeria
24.	MOUSSA HASSANE Ayoub	(In Pers.)	Abdou Moumouni University (UAM) Faculty of Science and Technology Department of Physics	Niger
25.	MOYA Ndimiso Arthur	(In Pers.)	The University of the Witwatersrand	South Africa
26.	MUNYUKI Gadzikano	(In Pers.)	-	Zimbabwe
27.	NDANG AMASSA Kevin	(In Pers.)	University of Yaoundé I	Cameroon
28.	NIANGA OBAMBI Sala Preslie Sala	(In Pers.)	GSMC	Congo
29.	NKEME Lynn Scherwood	(In Pers.)	Inorganic Chemistry Department Faculty of Sciences University of Yaoundé I	Cameroon
30.	OTUKILE Kgalaetso Precious	(In Pers.)	University of the Free State	South Africa
31.	OYEKAN Usman Bisola	(In Pers.)	University of Ibadan Faculty of Science Department of Physics	Nigeria
32.	OYENIYI Ezekiel	(In Pers.)	University of Ibadan The Department of Physics	Nigeria
33.	PHALA Ashley Mohlagashane	(In Pers.)	University of Pretoria Faculty of Built Engineering and IT Department of Metallurgical Engineering and Material Science	South Africa
34.	PONRA Abraham	(In Pers.)	Université de Maroua Département de Physique	Cameroon
35.	RAMASOBANE Niklaas Shiko	(In Pers.)	University of Witwatersrand, Faculty of Science, Chemistry department, Lab330b Nanomaterials group	South Africa
36.	SANE Adama	(In Pers.)	University Cheikh Anta Diop of Dakar Department of Physic - Solid and Materials Science Group GSSM Composite Materials-Systems and Applications MASCA	Senegal
37.	SEKE Sampson	(In Pers.)	-	Ghana
38.	SINGH Vijay	(In Pers.)	The University of Dodoma Department of Physics	United Republic of Tanzania
39.	TAPALA Kgaugelo Cornelius	(In Pers.)	University of South Africa College of Science, Engineering and Technology School of Science	South Africa

40. TCHIBOTA POATY Lodvert	(In Pers.)	Université Denis Sassou-Nguesso de Kintele Unité de Recherche en Nanomatériaux et Nanotechnologies	Congo
41. TSOEU Seiso Emmanuel	(In Pers.)	University of Witwatersrand	South Africa