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

Monday 09 June 2025

Basic Session - (08:30-18:00)

time	title	presenter
08:30	Welcome Remarks & introduction	GEBREMEDHN GEBREYESUS GARU HAGOSS (UNIVERSITY OF GHANA), RICHARD MC FADDEN MARTIN (STANFORD UNIVERSITY, USA), SHOBHANA NARASIMHAN (JNCASR, INDIA), NICOLA SERIANI (ICTP, ITALY), OMOLOLU AKIN-OJO (UNIVERSITY OF IBADAN, NIGERIA) MARTIN NANA YAW HAMA EGBLEWOGBE (UNIVERSITY OF GHANA) KRISHNA GOVENDER (UNIVERSITY OF JOHANNESBURG, SOUTH AFRICA) NANA AMA BROWNE KLUTSE (UNIVERSITY OF GHANA)
09:00	Introduction to DFT and Kohn-Sham equation	RICHARD MC FADDEN MARTIN
10:00	Coffee Break	
10:30	Crystals and band structures	SHOBHANA NARASIMHAN
11:30	Open discussion session	SHOBHANA NARASIMHAN
12:30	Lunch Break	
14:00	Hands-on: Intro to Linux (Unix commands), Xmgrace, Xcrysden, DFT codes overview, etc.	GEORGE SIMIYU MANYALI (KAIMOSI FRIENDS UNIVERSITY, KENYA), JAMES SIMIYU SIFUNA (THE CATHOLIC UNIVERSITY OF EASTERN AFRICA, KENYA) NELSON YAW DZADE (PENN STATE UNIVERSITY, USA) MARAM ALI AHMED MUSA (NATIONAL RIBAT UNIVERSIY, SUDAN), OMAMUYOVWI RITA JOLAYEMI (COVENANT UNIVERSITY, NIGERIA), FATEMA YAHYA MOHAMED SAEED (ECOLE POLYTECHNIQUE, FRANCE) ALBERTO CARTA (ETH ZURICH, SWITZERLAND)

16:00	Poster session	
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