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

Wednesday 11 June 2025

- (09:00-18:00)

time	title	presenter
09:00	Pseudopotentials	FRANCISCO JAVIER JUNQUERA QUINTANA (UNIVERSITY OF CANTABRIA, SPAIN) AND NELSON YAW DZADE (PENN STATE UNIVERSITY, USA)
10:30	Coffee Break	
11:00	Exchange-correlation functionals (LDA and GGA)	OMOLOLU AKIN-OJO
12:30	Lunch Break	
14:00	Discussion: Q&A	
14:30	Hands-on: Smearing, bandstructure, xc functionals (part 1)	OMAMUYOVWI RITA JOLAYEMI (COVENANT UNIVERSITY, NIGERIA), 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), CHIARA CIGNARELLA (UNIVERSITY OF BREMEN, GERMANY), ALBERTO CARTA (ETH ZURICH, SWITZERLAND)
16:00	Coffee Break	

16:30	Hands-on: Smearing, bandstructure, xc functionals (part 2)	OMAMUYOVWI RITA JOLAYEMI (COVENANT UNIVERSITY, NIGERIA), 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 UNIVERSITY, SUDAN), CHIARA CIGNARELLA (UNIVERSITY OF BREMEN, GERMANY), ALBERTO CARTA (ETH ZURICH, SWITZERLAND)
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