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# 7th African School on Electronic Structure Methods and Applications - ASESMA 2023 | (smr 3847)

## Tuesday 13 June 2023

- (08:30-17:30)

time	title	presenter
08:30	Overview of DFT	RICHARD MCFADDEN MARTIN
09:20	Kohn-Sham equations	RYO MAEZONO
10:10	Coffee Break	
10:40	Exchange and correlation functionals	ANDREA MARINI
11:30	Plane waves, k-point sampling Eqs	MATTEO GATTI
12:20	Lunch Break	
14:00	Computer Lab Intro to QE - Total energy, k-pts, cutoff	ALBERTO CARTA (ETH ZURICH), IURII TIMROV (ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE, SWITZERLAND), ABISHEK ADAK (ICTP, ITALY) & MENTORS/TUTORS