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School on Electron-Phonon Physics from First Principles | (smr 3191)

Monday 19 March 2018

DAY 1 - Kastler Lecture Hall (AGH) (08:30-18:00)

time	title	presenter
08:30	Introduction to the School, schedule	GIUSTINO, FELICIANO
09:00	Introduction to density functional theory (DFT)	GIANNOZZI, PAOLO
10:00	Density functional perturbation theory (DFPT)	DE GIRONCOLI, STEFANO
11:00	Administrative issues, and lunch break	
14:00	Introduction to Quantum-ESPRESSO (QE)	GIANNOZZI, PAOLO
15:00	Calculating ground-state and band structures with QE	GIANNOZZI, PAOLO S. PONCÉ, R. MARGINE, F. GIUSTINO, C. VERDI, S. DE GIRONCOLI, and Teaching assistants
16:00	Coffee break	
16:30	Calculating phonons with QE	DE GIRONCOLI, STEFANO S. PONCÉ, R. MARGINE, F. GIUSTINO, C. VERDI, P. GIANNOZZI, and Teaching assistants