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# School on Synchrotron and Free-Electron-Laser Methods for Multidisciplinary Applications | (smr 3202)

## Monday 14 May 2018

### SECOND WEEK: FEL focused - Adriatico Guest House - Kastler Lecture Hall (08:00-19:00)

time	title	presenter
09:00	Light-matter interaction using ultrashort ultra-bright X-ray pulses: from gentle probing to strong perturbation	MASSIMO ALTARELLI
10:30	Coffee break	
11:00	FEL Radiation: Transport, Diagnostics and Schemes for Standard, Multicolor and Time-Resolved experiments	MARCO ZANGRANDO
12:30	Lunch break	
14:00	FEL radiation: SASE, seeding schemes and basic properties of radiation	LUCA GIANNESI
15:30	Coffee break	
16:00	Gas phase studies with FELs	MARIA NOVELLA PIANCASTELLI
17:30	Open discussion with lecturers	