

Bad Honnef Physics School on
Physics with Free Electron Lasers
 23 - 28 September, 2018, Physikzentrum Bad Honnef, Germany

	Sunday Sept. 23	Monday Sept. 24	Tuesday Sept. 25	Wednesday Sept. 26	Thursday Sept. 27	Friday Sept. 28
9:00 - 10:30		S. Molodtsov Science at the EU-XFEL	R. Mankowski Quantum Control of Solids	R. Santra Electronic Structure at High X-Ray Intensity	C. David Diffractive Optics for XFEL's	K. Appel High Energy Density Physics
10:30 -11:00		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:00 - 12:30		S. Khan FEL accelerator physics— HGHG and seeding	S. Eisebitt X-ray Holografy and Magnetism	R. Moshhammer Atomic Physics at the FEL	A. Benediktovitch A. X-ray lasing and non- linear physics	W. Eberhardt Synchrotrons and FEL's why do we ned both
12:30 - 14:00		Lunch	Lunch	EXCURSION to DELTA (lunch on bus)	Lunch	Lunch
14:00 - 15:30		H. Chapman Single shot Nanocrystallography	J. Lüning Ultrafast Magnetization Phenomena		HIKE to Drachenfels	DEPARTURE
15:30 - 16:00		Coffee break	Coffee break			
16:00 - 17:30	ARRIVAL	C. Bressler Femtochemistry	W. Eberhardt Fs pulse generation and properties			
18:00	Dinner	Dinner	Dinner	Dinner	Dinner	
20:00	WELCOME W. Wurth From synchrotrons to FEL's	Discussion and Questions Poster I	Discussion and Questions Poster II	Discussion and Questions Poster III	Discussion and Questions Energy Quiz WE	