

## Summer school on 'Floquet Physics' (Wroclaw, July 11. – 14., 2016)

IMPRS for Dynamical Processes in Atoms, Molecules and Solids



MAX-PLANCK-GESELLSCHAFT



	Sun. 10/7	Mon. 11/7	Tue. 12/7	Wed. 13/7	Thu. 14/7
9:00-10:40		<b>MH 1+2</b>	<b>FM 2+3</b>	<b>AL 1+2</b>	<b>DB 1+2</b>
10:40-11:00		Coffee	Coffee	Coffee	Coffee
11:00-12:40		<b>MH 3+4</b>	<b>JS 1+2</b>	<b>ASZ 1+2</b>	<b>TO 1+2</b>
12:40-13:30		Lunch	Lunch	Lunch	Lunch
14:00-15:40		<b>GS 1+2</b>		<b>MK 1+2</b>	Departure
15:40-16:10		Coffee	Excursion & Dinner	Coffee	<b>(Train leaves at 14:30)</b>
16:10-17:00		<b>FM 1</b>		<b>MK 3</b>	
18:00	Arrival in the evening	Dinner		Dinner	

MH = Introductory Lecture by Martin Holthaus (4x45 min): The Floquet Picture for Strongly Driven Quantum Systems

GS = Lecture by Giuseppe Santoro (2x45 min): Quantum Annealing and Non-Equilibrium Dynamics of Floquet Chern Insulators

FM = Lecture by Florian Mintert (3x45 min): Design of Polychromatic Driving with Floquet Theory

JS = Lecture by Juliette Simonet (2x45 min): Floquet Engineering of Artificial Gauge Potentials for Neutral Atoms in Optical Lattices

AL = Lecture by Achilleas Lazarides (2x45 min): Many-body Floquet systems: interactions and localisation

ASZ = Lecture by Alexander Szameit (2x45 min): Topological Photonics

MK = Lecture by Marek Kus (3x45 min): Periodically driven quantum systems. Integrability, chaos, and control

DB = Lecture by Dieter Bauer (2x45 min): Floquet Theory as a Tool to Analyze Strong-Field Ionization Dynamics

TO = Lecture by Takashi Oka (2x45 min): Strongly Correlated Floquet states studied by the Green's function method

(Double slots of 2x45 min. are scheduled with 10 min. break in-between)