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School and Workshop on Frontiers of Nanomechanics | (smr 3969)

Thursday 26 September 2024

- Kastler Lecture Hall (AGH)Denardo Lecture Hall (AGH) - 1st week Informatics Laboratory (AGH) - 2nd week (09:00-20:00)

time	title	presenter
09:00	Cavity magnonics	YAROSLAV BLANTER
10:30	Coffee break	
11:00	Introduction to levitated nanomechanics - part 1	CARLOS GONZALEZ BALLESTERO
12:30	Lunch break / Meet the experts	
14:00	Approaching the Sensitivity Limit of Photothermal Sensing with Nanomechanical Resonators for Spectroscopy and Infrared Detection	SILVAN SCHMID
14:45	Quantum Circuit Optomechanics with Microwave Photons	JOHN TEUFEL
15:30	Coffee break	
16:00	Cavity and two-level system optomechanics in strong coupling	FABIO PISTOLESI
16:45	Waveguide optoacoustics for optical neural networks and quantum technologies	BIRGIT STILLER
17:30	Mini Project	