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# Foundations and Applications of Nanomechanics | (smr 3177)

## Monday 25 September 2017

### notitle - Kastler Lecture Hall (AGH) (08:20-21:35)

time	title	presenter
08:30	Registration and payment formalities: Registration at venue - ATTENTION: ONLY for ALL Faculty and for those participants who are NOT staying in the ICTP Guest Houses- Paid participants registered in the guest houses need to go DIRECTLY (with passport!) 1st to Operations office FERMI Building: Monday, Tuesday, Friday 8:30-12:00 and 13:30 - 14:30 and 2nd to UNICREDIT BANK branch on ICTP campus, Fermi Building, open only on Mondays and Fridays 8:20 to 13:20 and from 14:30 to 16:00	
09:40	Coupling giant atoms to surface acoustic waves	DELSING, Per
10:20	Coffee break	
10:50	Mini-Project Presentation	
11:20	Dissipation and hybridisation in graphene resonators	BACHTOLD, Adrian
12:00	Tailoring the state of a mechanical resonator via phase-sensitive feedback	VITALI, David
12:40	Lunch break	
14:30	Nonlinear frequency transduction of Brownian motion	COLLIN, Eddy
15:10	Tailoring the flow of sound and light on the nanoscale using topology	PEANO, Vittorio
15:50	Coffee break	
16:10	Optomechanics with arrays of atoms and a membrane	TREUTLEIN, Philipp
16:50	Optical control of single-mode phonon waveguide	SAFAVI-NAEINI, Amir
17:30	PANEL DISCUSSION	
19:00	WELCOME RECEPTION	