

Swiss Nanomechanics Meeting 2018 – Program

Date: June 5, 2018

Location: ETH Hönggerberg, building HCI,
talks in room HCI J6 (above the Fusion Mensa),
(coffee breaks in H-foyer one floor below)

09:00	<i>arrival with coffee</i>	
09:20	<i>opening remarks</i>	
09:30	Nanosurf	<u>Nikola Pascher:</u> <i>High-precision cantilever-based measurement instrumentation for academic and industrial R&D</i>
10:00	Weig group	<u>Juliane Doster:</u> <i>Strong strain-induced coupling between nanowire resonators</i>
10:30	<i>coffee</i>	
11:00	Schliesser group	<u>Yeghishe Tsaturyan:</u> <i>Ultracoherent nanomechanical resonators via soft clamping and dissipation dilution</i>
11:30	Villanueva group	<u>Luis Guillermo Villanueva:</u> <i>Suspended microchannel resonators for cell studies</i>
12:00	<i>lunch</i>	
13:30	Zilberberg/Chitra group	<u>Toni Heugel:</u> <i>Parametric symmetry breaking transducer</i>
14:00	Poggio group	<u>Nicola Rossi:</u> <i>Force sensing with nanowire mechanical resonators</i>
14:30	Degen group	<u>Marc-Dominik Krass and Thomas Gisler:</u> <i>Magnetic resonance force microscopy</i>
15:00	<i>coffee</i>	
15:30	Kippenberg group	<u>Amir Hossein Ghadimi:</u> <i>Strain engineering for ultra-coherent nanomechanical oscillators</i>
16:00	Maletinsky group	<u>Johannes Kölbl:</u> <i>Hybrid spin-mechanics with NV defects in diamond mechanical oscillators</i>
16:30	Novotny group	<u>Erik Hebestreit:</u> <i>Free fall and rotation of an optically levitated nanoparticle</i>
17:00	<i>apéro</i>	