3rd June (Tue.)

| | | 9:40 | - | 9:50 | Opening Remarks | |
|-------|---------|-------|---|-------|---|---------------------------------|
| Tu-01 | Keynote | 9:50 | - | 10:35 | > 30 Y of NEMSand yet, frontiers await | Michael Roukes |
| Tu-02 | Invite | 10:35 | - | 11:10 | ТВА | Amir Safavi-Naeini |
| | | 11:10 | - | 11:40 | Cofee Break | |
| Tu-03 | Oral | 11:40 | - | 12:05 | Superconducting Casimir forces on a chip: achieving ultimate parallelism with STM readout | Richard Norte |
| Tu-04 | Oral | 12:05 | - | 12:30 | Measurement of the Casimir force between superconductors | Matthijs Hendrik Jan de Jong |
| | | 12:30 | - | 14:00 | Lunch | |
| Tu-05 | Keynote | 14:00 | - | 14:45 | Quantum physics with individual acoustic phonons | Andrew N. Cleland |
| Tu-06 | Invite | 14:45 | - | 15:20 | Preparation and characterization of non-Gaussian quantum states of motion in a mechanical resonator | Matteo Fadel |
| Tu-07 | Oral | 15:20 | - | 15:45 | Superconducting circuit optomechanics: from high-coherence to quantum collective dynamics | Mahdi Chegnizadeh |
| | | 15:45 | - | 16:15 | Cofee Break | |
| Tu-08 | Oral | 16:15 | - | 16:40 | Quantum squeezing of an optically levitated nanoparticle | Massimiliano Rossi |
| Tu-09 | Oral | 16:40 | - | 17:05 | A levitated photoacoustic sensor | Letizia Catalini |
| Tu-10 | Oral | 17:05 | - | 17:30 | Feedback cooling of high-Q magnetically-levitated resonator for ultraprecise accelerometry | Shilu Tian |
| | | 17:30 | - | 19:30 | Poster | |

4th June (Wed.)

| We-01 | Invite | 9:20 | - | 9:55 | Bacterial nanomotion and synchronization probed by micromechanical devices | Farbod Alijani |
|-------|--------|-------|---|----------------|--|-------------------|
| We-02 | Oral | 9:55 | - | 10:20 | Detecting gravity at the milligram scale using optomechanics | Matthew Herbst |
| | | 10:20 | - | 10:50 | Cofee Break | |
| We-03 | Invite | 10:50 | - | 11:25 | Superfluid-coated nanophotonics: nonlinear waves and solitons | Warwick Bowen |
| We-04 | Invite | 11:25 | - | 12:00 | Nonlinear fluid flows and mass spectrometry using nanomechanical devices | John Sader |
| We-05 | Oral | 12:00 | - | 12:25 | Spin-driven nanomotor | Wataru Izumida |
| | | 12:30 | - | 14:00 | Lunch | |
| We-06 | Invite | 14:00 | - | 14:35 | Hybrid magnon-phonon crystals | Yoshichika Otani |
| We-07 | Invite | 14:35 | - | 15:10 | The coupling constants of magnons and acoustic phonons in magnetic nanostructures | Masamitsu Hayashi |
| We-08 | Oral | 15:10 | - | 7 b 2 b | Ferromagnetic 2D membrane resonators: from thermodynamics to topological spin textures | Timofei Savilov |
| | | 15:35 | - | 16:05 | Cofee Break | |
| We-09 | Invite | 16:05 | - | 16:40 | Multimode coupling and nonlinear dynamics in coupled double- drum resonators | Xin Zhou |
| We-10 | Oral | 16:40 | - | 17:05 | Towards large networks of mechanical parametric oscillators | Vincent Dumont |
| We-11 | Oral | 17:05 | - | 17:30 | Programmable optomechanical circuits | Xiaofei Guo |
| | | 17:30 | - | 19:30 | Poster | |

5th June (Thu.)

| Th-01 | Invite | 9:20 | - | 9:55 | Cavity and two-level system optomechanics in strong coupling | Fabio Pistolesi |
|-------|--------|-------|---|-------|--|--------------------|
| Th-02 | Invite | 9:55 | - | 10:30 | Knots, non-abelian braids, and geometric phases in non-hermitian systems | Yogesh Patil |
| | | 10:30 | - | 11:00 | Cofee Break | |
| Th-03 | Invite | 11:00 | - | 11:35 | Optomechanical nonlinearity and nanomechanical self-oscillation in cavity electromechanical system | Junho Suh |
| Th-04 | Oral | 11:35 | - | 12:00 | Synthetic Kuramoto potential in an optomechanical resonator | Motoki Asano |
| Th-05 | Oral | 12:00 | - | 12:25 | Slow buildup of self-sustained oscillations in a sideband-driven electromechanical resonator | Pak Yin Chan |
| | | 12:30 | - | 14:00 | Lunch | |
| Th-06 | Invite | 14:00 | - | 14:35 | A method for improving oscillator frequency stability using feedback-controlled amplitude and phase | Oriel Shoshani |
| Th-07 | Oral | 14:35 | - | 15:00 | Suppressing mechanical noise in an optomechanical cavity with a tunable Kerr nonlinearity | Sarah Meilof |
| Th-08 | Oral | 15:00 | - | 15:25 | Low temperature fluctuations of a mesoscopic mechanical mode | Alexandre Delattre |
| | | 15:25 | - | 15:55 | Cofee Break | |
| Th-09 | Invite | 15:55 | - | 16:30 | ТВА | Dana Weinstein |
| Th-10 | Oral | 16:30 | - | 16:55 | Laser micromachining of silicon nitride trampolines operating at the fundamental temperature fluctuation-noise limit | Raphael St-Gelais |
| Th-11 | Oral | 16:55 | - | 17:20 | Ultrathin rippled materials with non-Hookean mechanical properties. | Daniel Lopez |
| | | 19:15 | - | 21:15 | Workshop Dinner | |

6th June (Fri.)

| Fr-01 | Invite | 9:20 | - | 9:55 | Nonlinearities in mechanical resonators at the zero-point motion level | Adrian Bachtold |
|-------|--------|-------|---|-------|---|----------------------------|
| Fr-02 | Oral | 9:55 | - | 10:20 | Investigation of phase diffusion in a single driven nonlinear nanomechanical mode | Maria Kallergi |
| Fr-03 | Oral | 10:20 | - | 10:45 | Characterization of nonlinear damping and noise squeezing by sideband measurements | Mengqi Fu |
| | | 10:45 | - | 11:15 | Cofee Break | |
| Fr-04 | Invite | 11:15 | - | 11:50 | The response of graphene resonators to a multifrequency coherent drive and to modulated boundary conditions | Joel Moser |
| Fr-05 | Oral | 11:50 | - | 12:15 | hBN optomechanically induced transparency, gain and frequency combs | Francesco Fogliano |
| Fr-06 | Oral | 12:15 | - | 12:40 | High-quality-factor viscoelastic nanomechanical resonators from moiré superlattice | Xin Zhang |
| | | 12:40 | - | 14:00 | Lunch | |
| Fr-07 | Invite | 14:00 | - | 14:35 | The topology of driven-dissipative nonlinear resonators | Oded Zilberberg |
| Fr-08 | Oral | 14:35 | - | 15:00 | Hypersonic phonon propagation at 2GHz in a non-trivial topological phononic waveguide | Clivia Sotomayor Torres |
| Fr-09 | Invite | 15:00 | - | 15:35 | Quantum and topological phononics with ultrasound waves on a chip | Albert Schliesser |
| | | 15:35 | - | | Closing Remarks | |