

Quantum Turbulence Workshop at QFS2018

Time: 9:00-12:00, Sunday, July 29, 2018

Location: Seminar Room (3rd floor), the Ito International Research Center

Coordinators: Makoto Tsubota and Wei Guo

Time	Speaker	Affiliation	Title
09:00-09:15	Dmytro Khomenko	Ecole Normale Supérieure, France	Turbulent statistics and intermittency enhancement in coflowing superfluid ^4He
09:15-09:30	Anna Pomyalov	Weizmann Institute of Science, Israel	Energy spectra of counterflow turbulence in superfluid He-4
09:30-09:45	Yoonseok Lee	University of Florida, USA	The Effect of Remnant Vortices in He II on Multiple Modes of a Micro-electromechanical Resonator
09:45-10:00	Timo T. Kamppinen	Aalto University, Finland	Nanomechanical probes of the quantum fluids with single-vortex sensitivity
10:00-10:15	Hirokichi Kobayashi	Keio University, Japan	Numerical Study on Entrance Length in Thermal Counterflow of Superfluid ^4He
10:15-10:30	Kyo Yoshida	University of Tsukuba, Japan	Spectrum in the strong turbulence region of Gross-Pitaevskii turbulence
10:30-10:45	Hideo Yano	Osaka City University, Japan	Vortex Emission from Quantum Turbulence Generated in Superfluid ^4He
10:45-11:00	Peter Moroshkin (7 mins) + Sosuke Inui (3 mins) + 3 mins	1) Okinawa Institute of Science and Technology 2) Osaka City University	Dynamics of the free surface of superfluid ^4He probed by electrically charged tracer particles
11:00-11:15	Stefan Forstner	University of Queensland, Australia	Real-time monitoring of vortex dynamics in a superfluid helium thin film
11:15-11:30	Mark Theodore Noble	Lancaster University, UK	Picturing Quantum Turbulence with a Quasiparticle Camera
11:30-11:45	Yoshiyuki Tsuji	Nagoya University, Japan	Small particle trajectories in fully developed turbulent state of HeII
11:45-12:00	David Schmoranzer	CNRS Grenoble, France (rep. Skrbek's group)	High Stokes Number Oscillatory Flows of He II