

## MONDAY-23 SEPTEMBER / SEASIDE HOUSE

14:00 –	<b>Arrival and Registration</b>
19:00 – 20:30	<b>Dinner</b>

## TUESDAY-24 SEPTEMBER / SEASIDE HOUSE

07:00 – 08:45	<b>Breakfast</b>
08:45 – 09:00	<b>Opening</b>
09:00 – 10:30	<b>Hélène Perrin I</b> <i>“Laser cooling and trapping, and application to experimental studies of superfluid dynamics in Bose gases”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Barry Garraway I</b> <i>“From dressed states to quantum technology”</i>
12:30 – 14:30	<b>Lunch</b>
14:30 – 16:00	<b>Tomoki Ozawa Coll.</b> <i>“Topological phases in Atomic, Molecular, and Optical physics”</i>
16:00 – 16:30	<b>Coffee Break</b>
16:30 – 17:30	<b>Japanese Class (optional) / Free Time</b>
17:30– 19:00	<b>Free Time</b>
19:00 – 20:30	<b>Dinner</b>

## WEDNESDAY-25 SEPTEMBER / SEASIDE HOUSE, B250 ON CAMPUS

07:00 – 09:00	<b>Breakfast</b>
09:00 – 10:30	<b>Hélène Perrin II</b> <i>“Laser cooling and trapping, and application to experimental studies of superfluid dynamics in Bose gases”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Barry Garraway II</b> <i>“From dressed states to quantum technology”</i>
12:30 – 13:30	<b>Lunch</b>
13:30 – 14:15	<b>Transfer to Campus &amp; OIST Tour</b>
14:15 – 14:30	<b>Break</b>
14:30 – 16:00	<b>Jason Petta I (Open Lecture)</b> <i>“Semiconductor quantum dots and double quantum dots”</i>
16:00 – 16:30	<b>Tea Break</b>
16:30 – 18:30	<b>OIST Lab Tours</b>
18:30 – 19:00	<b>Transfer to Seaside House</b>
19:00 – 20:30	<b>Dinner</b>

## THURSDAY-26 SEPTEMBER / SEASIDE HOUSE

07:00 – 09:00	<b>Breakfast</b>
09:00 – 10:30	<b>Hélène Perrin III</b> <i>“Laser cooling and trapping, and application to experimental studies of superfluid dynamics in Bose gases”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Barry Garraway III</b> <i>“From dressed states to quantum technology”</i>
12:30 – 14:00	<b>Lunch</b>
14:00 – 15:30	<b>Jason Petta II</b> <i>“Semiconductor spin qubits”</i>
15:30 – 16:00	<b>Tea Break</b>
16:00 – 17:30	<b>Jason Petta III</b> <i>“Hybrid quantum systems”</i>
17:30 – 18:45	<b>Poster Preview 1</b>
19:00 – 20:30	<b>Dinner</b>

## FRIDAY-27 SEPTEMBER/ SEASIDE HOUSE

07:00 – 09:00	<b>Breakfast</b>
09:00 – 10:30	<b>Maria Chekhova I</b> <i>“Nonlinear Interferometry”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Jakob Reichel I</b> <i>“Many-body entanglement and quantum metrology with ultracold atoms”</i>
12:30 – 14:00	<b>Lunch</b>
14:00 – 15:30	<b>Takuya Hirano Coll.</b> <i>“Non-Equilibrium Dynamics of a spinor Bose-Einstein Condensate”</i>
15:30 – 16:00	<b>Tea Break</b>
16:00 – 17:15	<b>Poster Preview 2</b>
17:15 – 19:00	<b>Poster Session 1</b>
19:00 – 20:30	<b>Dinner</b>

## SATURDAY-28 SEPTEMBER / SEASIDE HOUSE

07:00 – 09:00	<b>Breakfast</b>
09:00 – 10:30	<b>Jakob Reichel II</b> <i>“Many-body entanglement and quantum metrology with ultracold atoms”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Jakob Reichel II</b> <i>“Many-body entanglement and quantum metrology with ultracold atoms”</i>
12:30 – 14:30	<b>Lunch</b>
14:00 – 19:00	<b>Free Afternoon</b>
19:00 – 20:30	<b>(Light Dinner)</b>

## SUNDAY-29 SEPTEMBER

07:00 – 09:00	<b>Breakfast</b>
10:00 – 19:00	<b>Excursion or Free Day</b>
19:00 – 20:30	<b>Dinner</b>

## MONDAY-30 SEPTEMBER / SEASIDE HOUSE

07:00 – 09:00	<b>Breakfast</b>
09:00 – 10:30	<b>Maria Chekhova II</b> <i>“Nonlinear Interferometry”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Nathan Harshman I</b> <i>“Symmetry and Control with a Few Trapped Ultracold Atoms: Symmetry in few-body systems”</i>
12:30 – 14:00	<b>Lunch</b>
14:00 – 15:30	<b>Irfan Siddiqi I</b> <i>“Superconducting Quantum Circuits: Amplifiers and Qubits”</i>
15:30 – 16:00	<b>Coffee Break</b>
16:00 – 17:30	<b>Takashi Yamamoto Coll.</b> <i>“Quantum repeaters with photons”</i>
17:30 – 18:45	<b>Poster Session 2</b>
18:45– 19:00	Transfer to a restaurant
19:00 – 20:30	<b>Conference Dinner</b>

## TUESDAY-01 OCTOBER / SEASIDE HOUSE

07:00 – 09:00	<b>Breakfast</b>
09:30 – 10:30	<b>Maria Chekhova III</b> <i>“Nonlinear Interferometry”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Nathan Harshman II</b> <i>“Symmetry and Control with a Few Trapped Ultracold Atoms: Symmetry, integrability, and control”</i>
12:30 – 14:00	<b>Lunch</b>
14:00 – 15:30	<b>Irfan Siddiqi II</b> <i>“Weak Measurement and Quantum Trajectories”</i>
15:30 – 16:00	<b>Coffee Break</b>
16:00 – 17:30	<b>Ana Predojevic I</b> <i>“Coherence and entanglement in quantum dot systems”</i>
18:00 – 19:00	<b>Calligraphy Class / Free Time</b>
19:00 – 20:30	<b>Dinner</b>

## WEDNESDAY-02 OCTOBER / SEASIDE HOUSE

07:00 – 09:00	<b>Breakfast</b>
09:00 – 10:30	<b>Irfan Siddiqi III</b> <i>“Quantum Simulations”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Nathan Harshman III</b> <i>“Symmetry and Control with a Few Trapped Ultracold Atoms: Symmetry, entanglement and information”</i>
12:30 – 14:00	<b>Lunch</b>
14:00 – 15:30	<b>Ana Predojevic II</b> <i>“Coherence and entanglement in quantum dot systems”</i>
15:30 – 16:00	<b>Tea Break</b>
16:00 – 17:00	<b>Thomás Fogarty</b>
17:00 – 18:00	<b>Jesse Everett</b>
18:00 – 19:00	<b>Free time (Calligraphy Class)</b>
19:00 – 20:30	<b>Dinner</b>

## THURSDAY-03 OCTOBER / SEASIDE HOUSE

07:00 – 09:00	<b>Breakfast</b>
09:00 – 10:30	<b>Ana Predojevic III</b> <i>“Coherence and entanglement in quantum dot systems”</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 11:30	<b>OIST Graduate School</b>
11:30 – 12:30	<b>Hiroki Takahashi Coll.</b>
12:30 – 14:30	<b>Lunch</b>
14:30 – 15:30	<b>Hiroki Takahashi Coll.</b> <i>“Cavity QED with a single trapped ion”</i>
15:30 – 16:00	<b>Tea Break</b>
16:00 – 19:00	<b>Additional Lab Tours</b> (on demand)
19:00 – 20:30	<b>Dinner - BBQ</b>

## FRIDAY-04 OCTOBER / SEASIDE HOUSE

07:00 –	<b>Breakfast &amp; Departure</b>
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