Monday 24 July

09:00 - 09:45 Registration

09:45 - 10:00 Welcome

10:00 - 11:15 “Manipulation and control of photons and atoms and applications to quantum metrology I”, by Serge Haroche

11:15 - 11:45 Break

11:45 - 13:00 “Measurement at the quantum frontier”, by Jun Ye

13:00 - 14:30 Lunch Break

14:30 - 15:45 “Controlling and exploring quantum matter using ultracold atoms in optical lattices I”, by Immanuel Bloch

Tuesday 25 July

09:00 - 10:45 “Manipulation and control of photons and atoms and applications to quantum metrology II”, by Serge Haroche

10:45 - 11:15 Break

11:15 - 12:30 “What’s the matter with cold molecules”, by Jun Ye

12:30 - 14:00 Lunch Break

14:00 - 15:15 “Controlling and exploring quantum matter using ultracold atoms in optical lattices II”, by Immanuel Bloch

Wednesday 26 July

09:00 - 10:45 “Towards the ultimate precision limits: an introduction to quantum metrology I”, by Luiz Davidovich

10:45 - 11:15 Break

11:15 - 12:30 “Cold atoms in low dimension: The Kostelitz – Thouless transition revisited I”, by Jean Dalibard
12:30 – 14:00  
Lunch Break

20:00  “How blue sky research leads to innovations”, 
by Serge Haroche - PUBLIC LECTURE (in English)

Thursday 27 July

09:30 -10:45  “Cold atoms in low dimension: The Kostelitz – Thouless transition revisited II”, 
by Jean Dalibard

10:45 -11:15  Break

11:15 -12:30  “Towards the ultimate precision limits: an introduction to quantum metrology II”, 
by Luiz Davidovich

12:30 – 14:00  Lunch Break

14:00 – 15:15  “Two particle correlations with photons and atoms: landmarks in the second quantum revolution I”, 
by Alain Aspect

Friday 28 July

09:30 -10:45  “Nonlinear and collective dynamics with ultracold atoms”, 
by Nikolaos Proukakis

10:45 -11:15  Break

11:15 -12:30  “Two particle correlations with photons and atoms: landmarks in the second quantum revolution II”, 
by Alain Aspect

12:30 – 14:00  Lunch break

14:00 -15:15  “Non-Equilibrium quantum dynamics and dissipation in quantum gases”, 
by Nikolaos Proukakis