

Preparing for the Age of Quantum Program

Center for Quantum Nanoscience (IBS-EWHA University)
Thursday, May 18th 2023



Time	Subject	
11:30 - 11:45	Welcome Remarks	<p>Tae Seog OH, 1st Vice-Minister, Ministry of Science and ICT</p> <p>Jacques DUCREST, Head of International Relations, State Secretariat for Education, Research and Innovation</p> <p>Eun Mee KIM, President of Ewha Womans University</p>
11:45 - 12:00	Opening Remarks and Intro to QNS	Andreas HEINRICH , Director of IBS Center for Quantum Nanoscience
12:00 - 12:30	Keynotes 'Swiss and Korean Quantum Ecosystems'	<p>Jonathan HOME, Member Swiss Quantum Commission / Prof. ETH Zurich</p> <p>Soon Chil LEE, PM, Division of Quantum Technology, National Research Foundation</p>
12:30 - 13:45	Networking Lunch	
13:45 - 13:50	Intro to the Open Dialogue	Alessandra APICELLA , Head of S&T Office, Embassy of Switzerland in the ROK
13:50 - 14:10	Keynotes 'The Basel Quantum Valley - Quantum Science beyond borders' 'Quantum Computing for Research in the Pharmaceutical Industry'	<p>Torsten SCHWEDE, VP Research, University of Basel</p> <p>Martin STRAHM, Head of Data Science, Roche</p>
14:10 - 14:40	Short inputs and panel discussion 'Preparing for the Age of Quantum'	<p><i>Session Chair</i> Gregoire RIBORDY, CEO, ID Quantique</p> <p>Brad KIM, Vice President, POSCO Holdings</p> <p>Amir ELDAD, Ecosystem Partner, Switzerland Innovation Park Innovaare</p> <p>Doyeol AHN, CTO, First Quantum</p>
14:40 - 15:10	Keynotes 'The quantum tech race: Research and cooperation'	<p>Yong Ho LEE, Head of KRISS Center for Superconducting Quantum Computing System</p> <p>Andreas WALLRAFF, Director Quantum Center, ETH Zurich</p>
15:10 - 15:40	Short inputs and panel discussion 'Cross-border and sector: Challenges and opportunities'	<p><i>Session Chair</i> Yonuk CHONG, Professor, Sungkyunkwan University</p> <p>Andreas FUHRER, Senior Scientist, IBM Zurich</p> <p>Changwon LEE, Professor, Hanbat National University</p> <p>Dominik ZUMBÜHL, Director of the NCCR SPIN / Professor at University of Basel</p>
15:40 - 16:00	Coffee Break	
16:00 - 16:30	Keynotes 'Societal challenges: Any role to be played by Quantum science and technology?'	<p>Michael HENGARTNER, President ETH Board</p> <p>Yong-sik SHIN, VP and Head of Connect Infra CO, SK Telecom</p>
16:30 - 17:00	Short inputs and panel discussion 'From education to industry: Flourishing in a Quantum world'	<p><i>Session Chair</i> Giovanni PORCELLANA, Business Developer, Switzerland Innovation Park West EPFL</p> <p>Mahn-Soo CHOI, Professor, Korea University</p> <p>Christian WOLFRUM, Vice President Research, ETH Zurich</p> <p>Yujeong BAE, Team Leader, Center for Quantum Nanoscience</p>
17:00 - 17:25	Short Pitching Session Industry4QuantumResearch	<p>Sadik HAFIZOVIK, CEO, Zurich Instruments</p> <p>Jiwon YUNE, CEO, SDT</p> <p>Parisa FALLAHI, CEO, Basel Precision Instruments</p> <p>Sangwook HAN, Head of KIST Center for Quantum Information</p> <p>Mathieu MUNSCH, CEO, QNami</p>
17:25 - 17:30	Closing remarks	Guy PARMELIN , Federal Councillor
17:30 - 18:30	Tour of QNS	