

## Japan-EU Quantum Matchmaking Event

### --- 4th EU-Japan Workshop on Quantum Computing ---

Venue: European Commission, Breydel building, room BRY / AUDITORIUM (Level -1)

Address: Avenue d'Auderghem, 45 - 1040 Brussels

Date: Wednesday 4 December 2024

Time	Contents	Presenter (JPN)	Presenter (EU)
9:00-10:00 CET 17:00-18:00 JST	Registration desk, Level -1, and poster setup area		
10:00-10:05 CET 18:00-18:05 JST	Welcome address by CNECT (EU) and CAO (JPN)	Naoya KONO, Cabinet Office	Christian TREFZGER, DG CNECT
10:05-10:30 CET 18:05-18:30 JST	Joint Opening Remarks, workshop objectives, Joint Call objectives <ul style="list-style-type: none"> <li>• Daniel OPALKA (5 min)</li> <li>• Christian TREFZGER (10 min)</li> <li>• Masahiro HORIBE (10 min)</li> </ul>	Masahiro HORIBE, Sub-Program Director of SIP, Cabinet Office	Christian TREFZGER DG CNECT, OPALKA Daniel EuroHPC JU Head of R&D
10:30-11:15 CET 18:30-19:15 JST	Panel session 1 (45 min: 15 min presentations from EU/Japan + 15 min discussion about potential collaboration)  <b>Topic : Architecture</b> - <i>Japan project: R&amp;D on fundamental algorithm and test-bed user environment of quantum classical hybrid systems</i>	Ryousei TAKANO, G-QuAT, AIST	JOHANSSON Mikael, CSC Finland
11:15-12:00 CET 19:15-20:00 JST	Panel session 2 (45 min: 15 min presentations from Japan 15 min from EU + 15 min discussion about potential collaboration)  <b>Topic : Application and use cases</b> <i>Japan project: Strategic initiatives to build a business ecosystem with quantum computing solutions</i> <i>EU part: use cases: material science weather and climate modeling</i>	Yuichi NAKAMURA, Chair, Subcommittee on Applications of Quantum Superposition, Q-STAR	LE BARS Laure, QuIC President

12:00-13:00 CET 20:00-21:00 JST	Lunch break – matchmaking poster session		
13:00-13:45 CET 21:00-21:45 JST	Panel session 3 (45 min: 15 min presentations from Japan/EU+ 15 min discussion about potential collaboration)  <b>Topic : Algorithms</b> <i>Japan project: Building a quantum algorithm platform through standard benchmarking and global challenges (quantum inspired)</i>	Karim ESSAFI, Technical Director, QunaSys Inc  Tennin YAN, CEO, QunaSys Inc	LIZASO Enrique MULTIVERSE COMPUTING
13:45-14:30 CET 21:45-22:30 JST	Panel session 4 (45 min: 15 min presentations from Japan/EU+ 15 min discussion about potential collaboration)  <b>Topic : Supply chain</b> <i>Japan project: Developing of a roadmap for large-scale quantum computer systems and strengthening the supply chain</i>	Masahiro HORIBE, Deputy Director, G-QuAT, AIST	OPALKA Daniel EuroHPC JU Head of R&D Unit
14:30-15:25 CET 22:30-23:25 JST	Caffe and biscuits – matchmaking poster session		
15:25-15:30 CET 23:25-22:30 JST	Conclusion	Naoya KONO, Cabinet Office	Christian TREFZGER DG CNECT
15:30 CET 22:30 JST	End of workshop		