Photonic Quantum Sensing SEMINAR

Quantum Technology in Europe: Policies, Trends and Key Players

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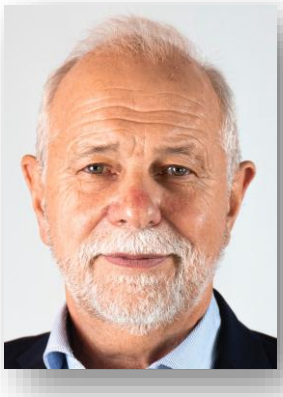

Date Fri. October 2, 2026

Time 15:00-16:00

Hybrid A1-313, Katsura campus/ Zoom

Registration https://x.gd/z21n4

Deadline: Oct. 1

Quantum research in Europe reached a watershed moment in 2016, marking the publication of the widely supported Quantum Manifesto, followed by the launch of the European Commission's new flagship initiative for quantum technology. The pioneering endeavour aimed to place Europe at the forefront of the second quantum revolution unfolding worldwide, bringing transformative advances to science, industry and society. Ten years on, both the European Commission and its Members States have spent billions in building a quantum ecosystem that nurtures scientific breakthroughs, creates new commercial opportunities to address global challenges, and provides strategic capabilities for future deployment. As the first applications leap out of research labs towards the market, the global race for dominance in this maturing field is becoming ever fiercer. While leading economic powerhouses like the United States, China and Japan are increasing their scientific and financial involvement in quantum technologies, Europe has its own blueprint for retaining its long-time edge. Covering key aspects of the European Strategic Research and Industry Agenda, market trends and key players, the presentation will provide a comprehensive overview of the European quantum ecosystem.

Organizer: Photonic Quantum Sensing Science and Engineering Center
Co-organizer: ERATO Takeuchi, QLEAP, WISE Program "Innovation of Advanced Photonic and Electronic Devices", Kyoto University

Chair: Shigeki Takeuchi (Department of Electronic Science and Engineering, Kyoto University)
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