Joint online workshop
PICs for QPICs –
Status Quo of infrastructure and projects

Agenda
October 6th, 2021

	Topic
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9.30	***Setting the scene: Welcome & Aim of the Workshop*** **Roberta Ramponi,** Chair of QPIC Focus Group, Representative of Photonics 21, CNR IFN **Klaus Jöns**, Chair of QPIC Focus Group, Representative of the Quantum Flagship, Paderborn University EU Representatives: **Oscar Diez**, EC DG Connect - Head of Sector Quantum Computing & **Werner Steinhögl**, EC DG Connect – Head of Sector Photonics
	State of the Art of Photonic Integrated Circuits
9.45	***Presentations: Infrastructure - Pilot lines and RTOs*** Moderated by **Mike Wale**, Chair of QPIC Focus Group, Representative of Photonics 21, Eindhoven University of Technology o PIC platforms: Siliconnitride - **Roel Baets**, Ghent University/IMEC & Silicon Photonics - **Ségolène Olivier**, CEA-Leti o JePiXX - **Martijn Heck**, TU Eindhoven o PIXAPP - **Peter O'Brien**, Tyndall Institute/ Univ. College Cork
10.20	***Presentations: PIC needs in …*** Moderated by **Eleni Diamanti,** Chair of QPIC Focus Group, Representative of the Quantum Flagship, Sorbonne University o Quantum computing and simulation: **Philip Walther**, University of Vienna o Quantum metrology: **Florian Schreck**, University of Amsterdam o Quantum sensing: **Timo Weggler**, Robert Bosch GmbH o Quantum communication and cryptography: **Martin Schell**, Fraunhofer HHI
11.10	Break
11.15	***Discussion of most pressing and challenging PIC needs*** Moderated by **Anke Lohmann**, Anchored In
	Wrap-up: Technological exchange between the PIC & QPIC community – offers and needs
12.00	Break-out sessions for networking [clustered by Pilot lines / RTOs]
12.30	**End of Workshop**