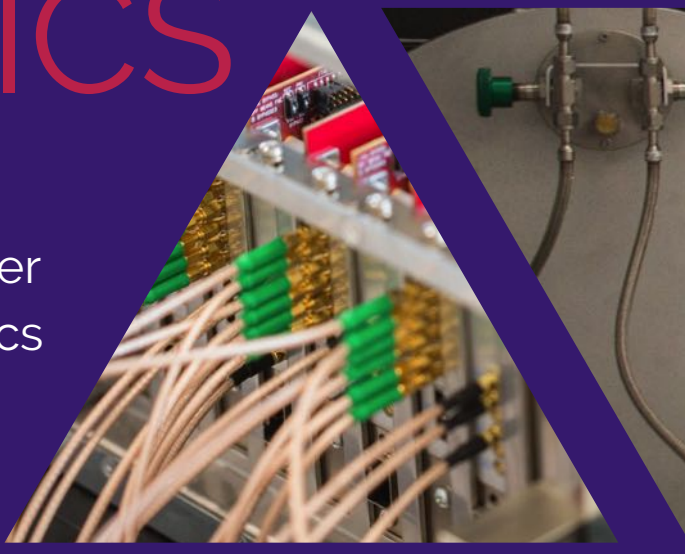
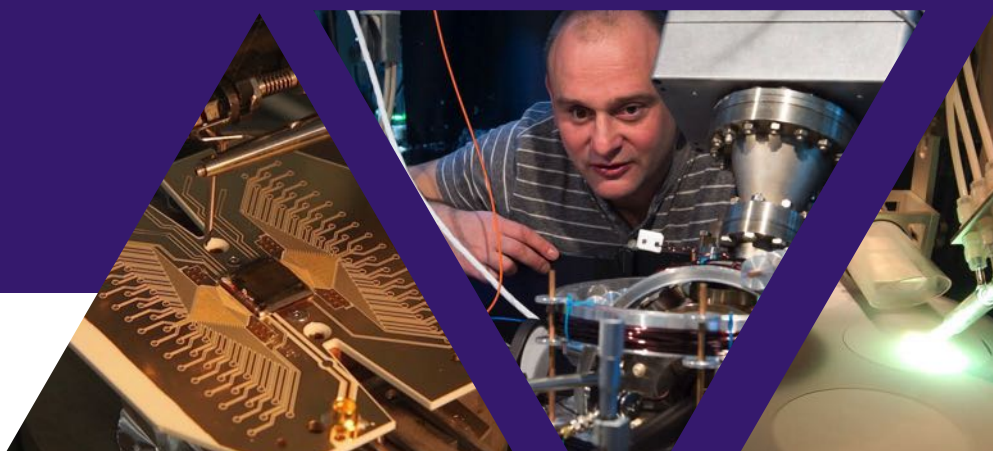
OCTOBER 29TH

9.30am - 4.30pm
online

CRYOGENIC ELECTRONICS

Bringing scientists and industry together to advance the integration of electronics at cryogenic temperatures.





Register here:
https://eur.cvent.me/KbKrE

Quantum Computing & Simulation Hub

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CRYOGENIC ELECTRONICS

Cryogenic electronics is of critical importance in many fields including quantum technologies, astronomy and particle physics. This event is designed to bring scientists, engineers and industry across all relevant disciplines together to advance the integration of electronics at cryogenic temperatures and combine resources to solve common challenges.

With this meeting, we hope to progress towards demonstrating the relevance and market size of cryogenic electronics. We present a state-of-the-art picture for all relevant stakeholders and welcome foundries and industry stakeholders interested in further engagement with this technology.

Topics to include:

- Recent advances in cryogenics
- Astronomy
- Superconducting qubits
- Trapped ions
- Solid state spin qubits
- Cryogenics in particle physics
- Terahertz imaging
- Single photon detector applications
- Amplifiers
- Digital to analogue converters at 70K
- Digital to analogue converters at 4K
- Field programmable gate arrays
- Interconnected multiplexers
- Millikelvin electronics
- Signal generation & control

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