

QUEST

Quantum Reservoir Computing Powered by Silicon Carbide Defect Qubits

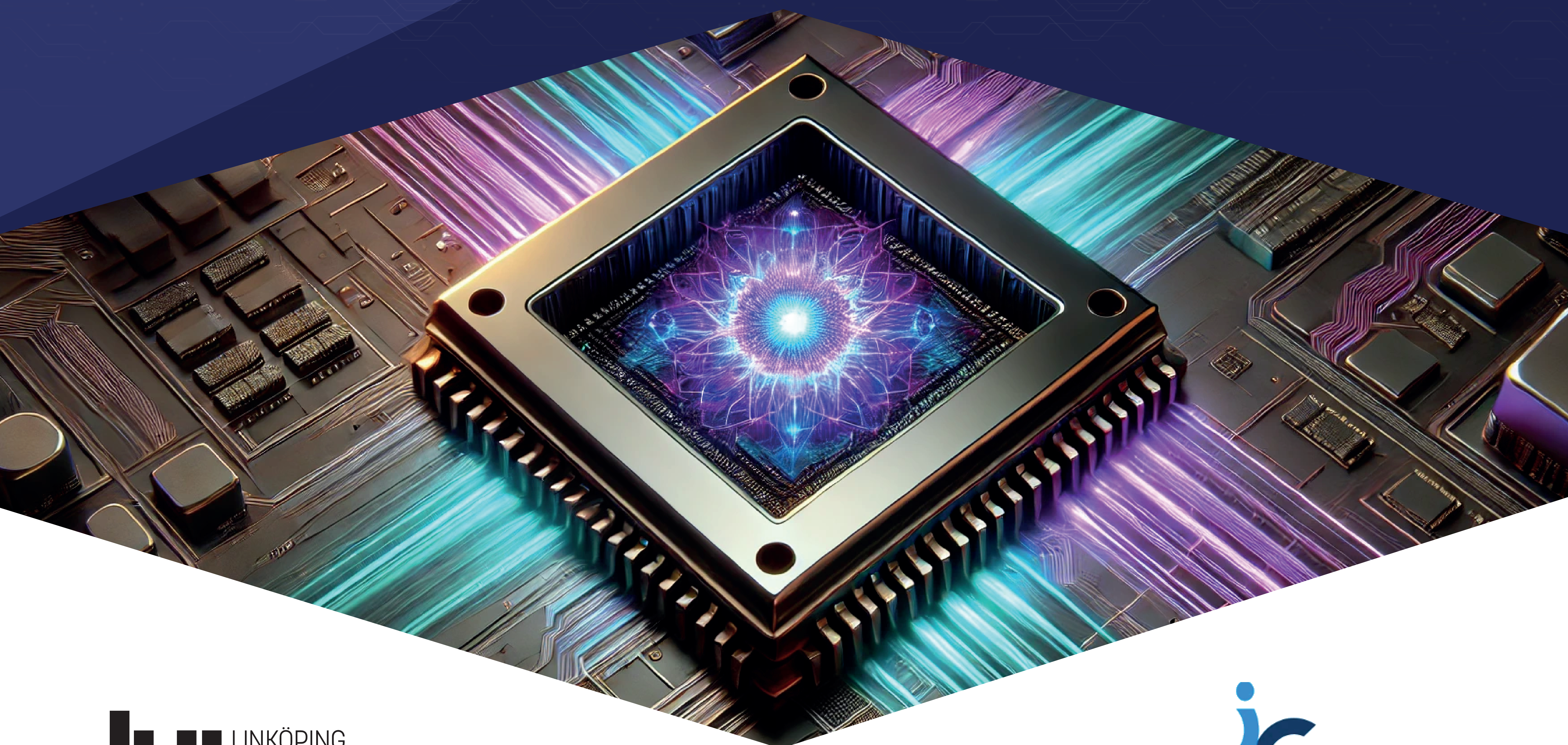


Contact us

Project Coordinator

Assist. Prof. Viktor Ivády
Eötvös Loránd University
Faculty of Science
Department of Physics of Complex
Systems
ivady.viktor@ttk.elte.hu

QUEST is a Horizon Europe Twinning project aimed at amplifying the scientific excellence and innovative capabilities of Eötvös Loránd University through collaboration with esteemed Twinning partners. The project focuses on developing a quantum reservoir computing system leveraging silicon carbide defect qubits. This pioneering technology holds the potential to revolutionize computing by increasing computational speed and reducing energy consumption compared to traditional machine learning methods.



li.u LINKÖPING
UNIVERSITY

Sweden

 **Loughborough
University**

UK



EÖTVÖS LORÁND
UNIVERSITY | BUDAPEST

Hungary



Funded by
the European Union



Luxembourg



Aalto University

Finland