

Workshop on Quantum Network Simulations in conjunction with the IEEE International Conference on Quantum Computing and Engineering (QCE'24)

Monday, September 16, 2024 - Monday, September 16, 2024

Scientific Program

Session 1 [10:00AM - 11:30AM]: Invited Talks

Software Development in Quantum Engineering: from QuNetSim to QuReed

Janis Nötzel, TU Munich

Overview of NetSquid

Guus Avis, UMass Amherst

Overview of ReQuSim

Julia Kunzelmann, Uni. Düsseldorf

Session 2 [1:00PM - 2:30PM]: Contributed Talks

Evaluation of Quantum Entanglement Using SeQUeNCe via the CHSH Game

Zizwe A. Chase, University of Illinois at Chicago

Overview of the Aliro Simulator

Brian Doolittle, Aliro Quantum

Overview of QuISP

Michal Hajdušek, Keio University

Overview of SeQUeNCe

Alexander Kolar, The University of Chicago

Session 3 [3:00PM - 4:30PM]: Panel Discussion

Panelists:

Martin Suchara, Microsoft

Ezra Kissel, ESnet QUANT-NET Testbed

Guus Avis, UMass Amherst

Julia Kunzelmann, Uni. Düsseldorf

Janis Nötzel, TU Munich