

Teaser on Calibration of Trapped-Ion QC Systems



AQT in a nutshell:

- hardware vendor
- manufacture components, ion traps, QC systems
- several decades of operational experience
- systems installed on premises at LRZ and PCSS
- available via AQT cloud service ARNICA

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October 21st, 2025



MQSF 2025

Munich Quantum Software Forum

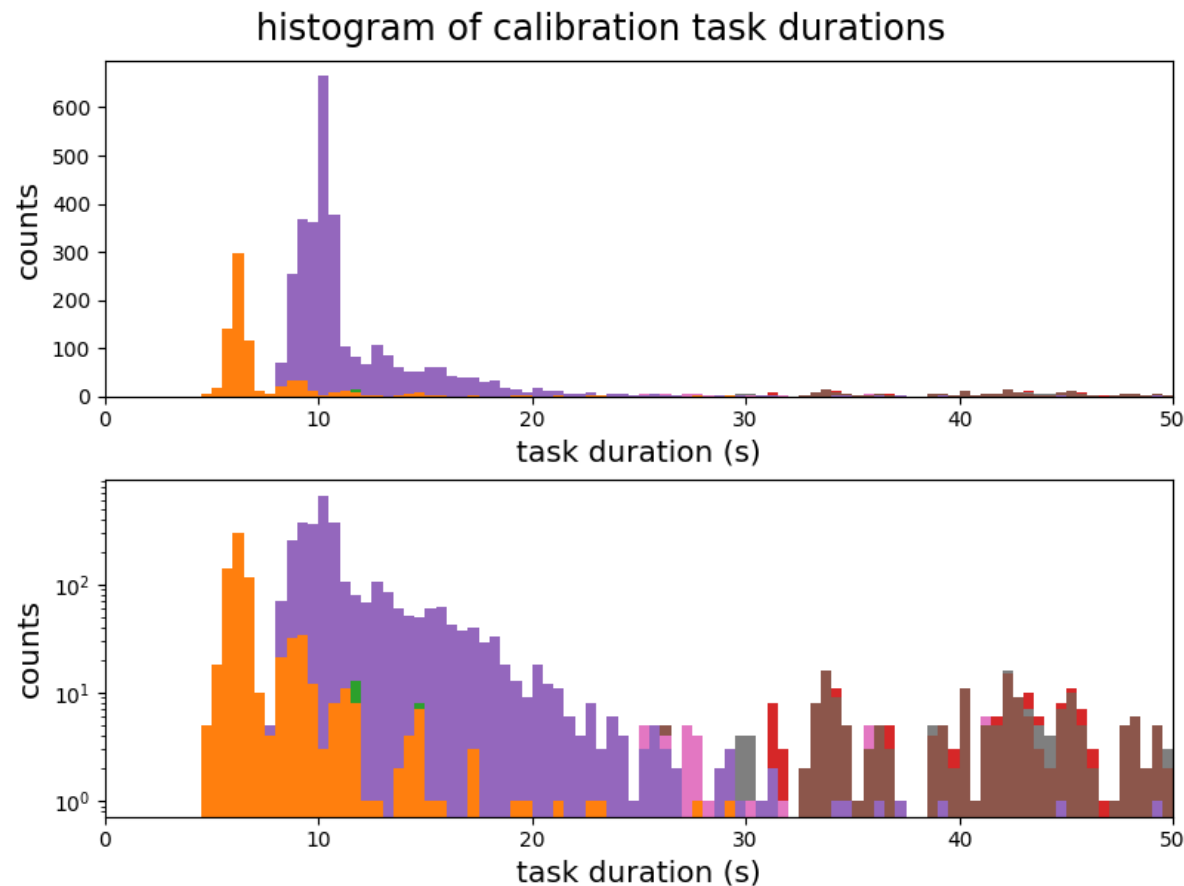
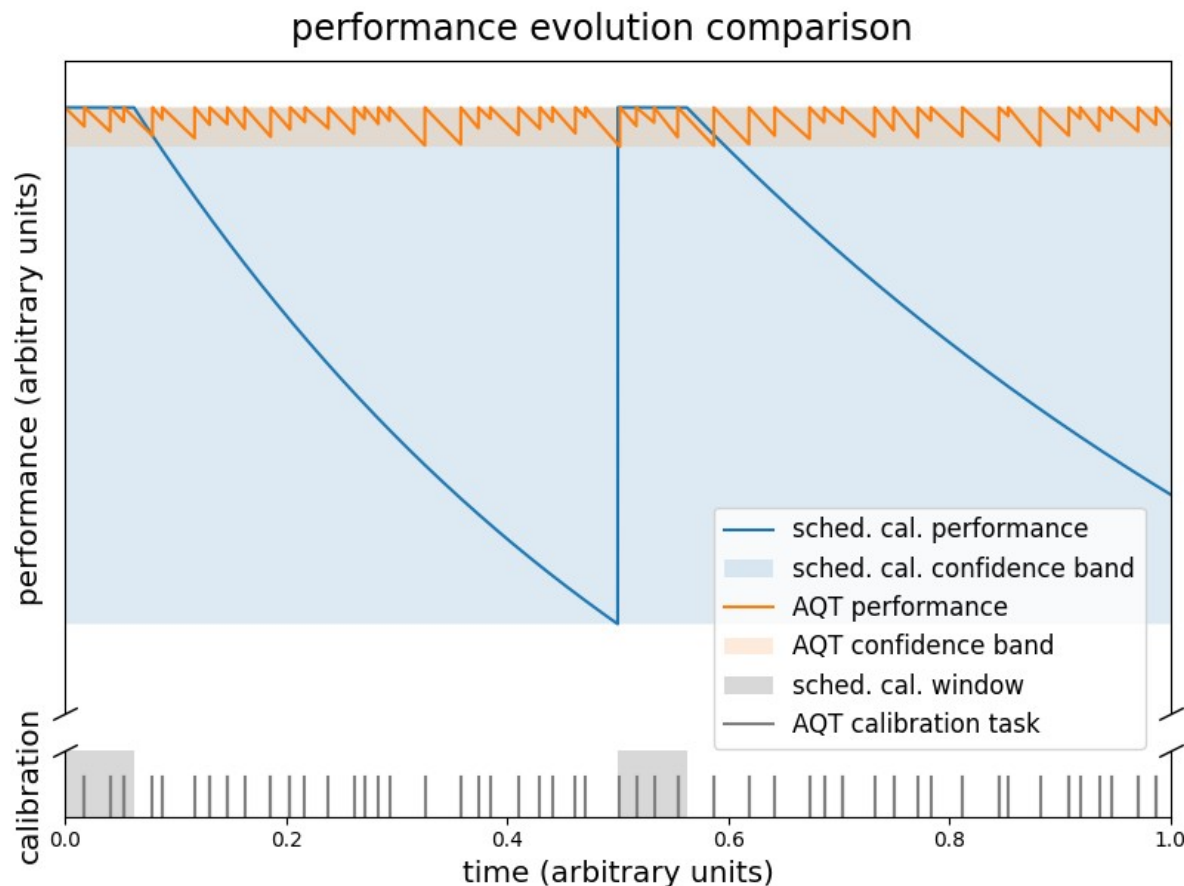
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"continuous calibration"

for an improved performance and increased uptime

calibration tasks run interleaved based on environmental conditions



→ results are more meaningful due to smaller confidence band