



# Quantum Information Processing 2023

## Monday, 6 February 2023

### Parallel 2A - Auditorium 5 (15:30 - 17:30)

| time  | [id] title  | presenter   |
|-------|---|---|
| 15:30 | [230] Quantum tomography using state-preparation unitaries                                    | JORAN VAN APELDOORN,<br>ARJAN CORNELISSEN,<br>ANDRAS GILYEN AND<br>GIACOMO NANNICINI.               |
| 16:00 | [231] A Complete Hierarchy of Linear Systems for Certifying Quantum Entanglement of Subspaces | NATHANIEL JOHNSTON,<br>BENJAMIN LOVITZ AND<br>ARAVINDAN<br>VIJAYARAGHAVAN.                          |
| 16:30 | [232] Quantum Subroutine Composition  | STACEY JEFFERY.   |
| 17:00 | [233] Quantum Worst-Case to Average-Case Reductions for All Linear Problems                   | VAHID ASADI, ALEXANDER<br>GOLOVNEV, TOM GUR, IGOR<br>SHINKAR AND<br>SATHYAWAGEESWAR<br>SUBRAMANIAN. |