



## Quantum Computing for Nuclear Physics

**16** June – **4** July, 2025

ECT\* Villa Tambosi, Villazzano



### Aim of the School

This Nuclear Talent school aims at bringing together the efforts of nuclear many-body theorists, quantum information theorists, and mathematicians in order to present and discuss algorithms for studying nuclear systems using recent progress in quantum information theory.

### Organizers and Lecturers

- Alexei Bazavov, Michigan State University
- Zoreh Davoudi, University of Maryland
- Morten Hjorth-Jensen, Michigan State University and University of Oslo
- Ryan LaRose, Michigan State University
- Dean Lee, Michigan State University
- Alessandro Roggero, University of Trento

### Student coordinators and Advisors

- Morten Hjorth-Jensen
- Alessandro Roggero

### Application

Applications for the ECT\* TALENT-DTP 2025 should be made electronically through the ECT\* web page. It should include: a curriculum vitae, a 1-page description of academic and scientific achievements, a short letter expressing the applicant's personal motivation for participating in the School. In addition, a reference letter from the candidate's supervisor should be sent to Barbara Gazzoli (gazzoli@ectstar.eu) for the attention of the director of ECT\*. For further details see [www.ectstar.eu](http://www.ectstar.eu)

**ECT\* Director: Prof. Ubirajara van Kolck**

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For the organization please contact: Susan Driessen – ECT\* Secretariat - Villa Tambosi - Strada delle Tabarelle 286 | 38123 Villazzano (Trento) – Italy | Tel.: (+39-0461) 314722, E-mail: [driessen@ectstar.eu](mailto:driessen@ectstar.eu) or visit <http://www.ectstar.eu>