

Spring School on Near-Term Quantum Computing

Benasque, 15-21 March

Tentative program

| | Monday 16 | Tuesday 17 | Wednesday 18 | Thursday 19 | Friday 20 |
|---------------|---|--|---|---------------------------------------|---------------------------|
| 9:30 - 11:00 | Quantum Simulation (Daniel González Cuadra) | Variational Quantum Algorithms (Berta Casas) | Quantum Machine Learning (Maria Schuld) | Tensor networks (Mari Carmen Bañuls) | Hackathon (presentations) |
| 11:00 - 11:30 | Coffee break | | | | |
| 11:30 - 13:00 | Adiabatic QC (Ana Palacios) | Complexity theory (Yuxuan Zhang) | Machine Learning for Quantum (Anna Dawid) | Squeezing NISQ computers (Organizers) | Wrap-up |
| 13:00 - 15:00 | Lunch | | | | |
| 15:00 - 16:30 | Error Mitigation (Zhenyu Cai) | Quantum Chemistry (Jakob Kottman) | Quantum Error Correction (Josu Etxezarreta) | HACKATON | |
| 17:00 - 21:30 | POSTERS + Reception | | POSTERS + 2nd reception | | |