Summer School 2024 Schedule

	Monday June 3	Tuesday June 4	Wednesday June 5	Thursday June 6	Friday June 7
AM	**Sophia Economou** Variational quantum algorithms	**Sponsored Session** Practical work	**Christa Zoufal** Variational quantum simulation	**Thomas Iadecola** Variational principle for quantum simulation in and out equilibrium	**Zlatko Minev** Introduction to noise in quantum computers and quantum simulation of many-body systems
PM	**AlgoLab** Practical work Level up	**AlgoLab** Practical work Algorithms	**AlgoLab** Practical work Simulation 1 **Evening Poster Session**	**Zohreh Davoudi** Quantum algorithms for simulating nature's fundamental interactions	**AlgoLab** Practical work Simulation 2

	Monday June 10	Tuesday June 11	Wednesday June 12	Thursday June 13	Friday June 14
AM	**AlgoLab** Practical work Error correction	**Micheline Soley** Connection between tensor network methods and quntum computing algorithms	**Andrew Green** Translating tensor network algorithms to quantum computers	**Pooya Ronagh** Neural quantum states and their applications	**Exam**
PM	**Nicolas Quesada** Classically simulating quantum continuous variable systems	**Sponsored Session** Practical work	**Stefanie Czischek** Introduction lectures on simulating quantum many-body systems with language models **Evening Poster Session**	**AlgoLab** Practical work QML	**End**