



aSToRC HPC National Competence Center

Summer Seminar Series 2022

- 17 May Dr. Faidon Brotzakis**
(University of Cambridge) Biomolecules under a computational microscope: Protein Structure-Dynamics-Function relationships by unifying molecular simulations with CryoEM experiments
- 24 May Dr. Ferenc Pittler**
(The Cyprus Institute) The delta resonance at physical pion mass from Lattice QCD
- 31 May Assist. Prof. Alexey Lyulin**
(Eindhoven University of Technology) In-Silico Studies of Polyelectrolyte Membranes for Flow Batteries and Fuel Cells
- 14 June Dr Nils Wedi**
(European Centre for Medium-Range Weather Forecasts) The use of HPC in numerical weather prediction, climate monitoring and research
- 28 June Dr. Jacob Finkenrath**
(The Cyprus Institute) Accelerating simulations of gauge theories at scale with domain decomposition and artificial intelligence
- 5 July Dr. Leonardo Guidoni**
(University of L'Aquila) Quantum Computing applications for Quantum Chemistry
- 12 July Assist. Prof. Davide Modesti**
(Delft University of Technology) GPU computing for high-fidelity simulations of turbulent flows

Time: Tuesdays, 16:00 (Cyprus time) via

Zoom: <https://zoom.us/j/9947402955?pwd=Um8wdTdHeStFMTM3LzNRL3l3Umc5QT09;>

Passcode: VsSCz1



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