aSTeRC HPC National Competence Center
Fall Seminar Series 2022

20 Sept	**Assoc. Prof. Radu Cimpeanu** (University of Warwick)	**From bouncing to making a splash: Computational modelling of impact across scales**
4 Oct	**Dr. Kyriaki Michailidou** (The Cyprus Institute of Neurology and Genetics)	**Genome-wide Association Studies and breast cancer risk prediction**
18 Oct	**Dr. Saúl Alonso Monsalve** (ETH Zürich)	**Machine learning and high-performance computing for neutrino oscillations**
8 Nov	**Prof. Matej Praprotnik** (University of Ljubljana)	**Multiscale simulation of soft and biological matter**
29 Nov	**Associ. Prof. Sascha Hunold** (Vienna University of Technology)	**Performance Tuning of MPI Collectives - Status Quo and Open Problems**
6 Dec	**Prof. Luca Biferale** (Istituto Nazionale Fisica Nucleare)	**AI meets complex flows: Lagrangian and Eulerian data-driven tools for optimal navigation, optimal odor searching and data-assimilation**
13 Dec	**Professor Elodie Laine** (Sorbonne Université)	**High-throughput computational assessment of the functional impact of protein sequence variations**
20 Dec	**Assist. Prof. Vasileios Vavourakis** (University of Cyprus)	**In silico multiscale modelling for disease progression, prognosis and treatment outcome prediction**

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

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

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