

Talk on Tuesday, 21. April 2026

Start: 10:15 till 11.30 Uhr

in HS 424

The talk will be presented in English

Salzburg Collaborative Computing (scc) - High Performance Computing (not only for) Psychological Research

Dr. Thomas Hartmann

CCNS/SCC



State of the Art methods for data analysis and statistics require increasing computing resources, often exceeding those available on workstations and laptops. The rise of AI based approaches and multivariate algorithms in recent years as well as the traditionally high demand for compute resources when using high-dimensional methods like the (f)MRI and the MEG demonstrate the demand for a professional High Performance Computing system.

The SCC is the new High Performance Computing infrastructure at the University of Salzburg. It is designed to provide easy access for researchers, students, and their collaboration partners to the necessary computing resources. The system is currently in the Alpha Stage, providing services to a first - albeit expanding - set of users.

In this talk, I'm going to provide an introduction to the SCC, presenting the hard- and software behind it as well as some short live demonstrations on how to access and use it.