Proud and Strong in Computing Conference

Monday, 24 June 2024 - Tuesday, 25 June 2024

Scientific Programme

Alfred-Hessel-Saal

Research in HPC and related domains and Gender Research

Empowering Change: A Personal Story of Breaking Barriers in HPC

Speaker: Sarah Neuwirth

Abstract:
Fostering diversity in HPC is crucial for several reasons. A wider range of perspectives leads to more creative solutions for complex problems. Diverse teams are better at identifying and avoiding biases in algorithms and simulations. Inclusion brings in a wider talent pool, ensuring the best minds are working on HPC advancements. Ultimately, a diverse HPC field leads to more impactful scientific discoveries and technological breakthroughs. This talk will feature a compelling story of both personal and professional growth. From navigating degree programs and volunteer commitment to embracing the challenges of PhD life and postdoctoral research, Sarah will share personal experiences that shaped her trajectory. Amidst these milestones, Sarah will spotlight her current research endeavors, showcasing how her work contributes to advancements in HPC while advocating for diversity and inclusivity. This talk will also serve as a testament to the transformative power of perseverance and resilience, inspiring marginalized individuals to pursue and excel in HPC careers, ultimately fostering a more inclusive and innovative landscape.

Best practices: Diversity in scientific computing and cognate disciplines

Panelists:
- Lena Oden
- Doris Franke
- Dörte Sternel

Current trends in HPC and cognate Science Domains

Current trends in AI and ML

Gender research and Diversity

Research Session (topic: tbd)

Vortragsraum

Personal Experiences and Workshops

Best practices: Follow-Up discussion

Personal Experiences in HPC and cognate disciplines

NHR tutorial (I)

NHR tutorial (II)

Poster session and Networking