



(W 4) HPCN

High-Performance Computing and Networking in Aerospace Workshop 2019

DATE

Monday 26.08.2019, 14:00 - 17:05

LOCATION

SUB/HG, Papendiek 14, 37073 Göttingen, Vortragsraum, 1. floor right ► [Map](#)

SCOPE

The “HPCN in AeroSpace” workshop comprises contributions from aerospace research and from HPC hard- and software providers. The presentations from aerospace research are on larger-scale applications employing HPC including specific requirements, achievements and limitations related to HPC. The keynotes given by the providers cover current and future development in HPC Hardware and Software.

WORKSHOP CHAIRS

- [Dieter Schwamborn](#), German Aerospace Center (DLR), Göttingen, Germany
- [Cornelia Grabe](#), German Aerospace Center (DLR), Göttingen, Germany
- [Alfred Geiger](#), T-Systems, Germany

AGENDA

14:00 - 14:05
[Dieter Schwamborn](#), German Aerospace Center (DLR), Göttingen, Germany, [Alfred Geiger](#), T-Systems, Germany
Brief welcome address by the organizers

14:05 - 14:35
[Johannes Holke](#), Alexander Rüttgers, Margrit Klitz, Achim Basermann, German Aerospace Center (DLR), Cologne, Germany
Data-adapted Parallel Merge Sort

14:35 - 15:00
[André Heidekrüger](#), AMD Munich, Germany
AMD is back in HPC in a big way (invited)

15:00 - 15:30
[Axel Probst](#), Tobias Knopp, Cornelia Grabe, German Aerospace Center (DLR)Göttingen, Germany and Jens Jägersküpper, German Aerospace Center (DLR), Brunswick, Germany
HPC Requirements of High-Fidelity Flow Simulations for Aerodynamic Applications

15:30 - 16:00 Coffee break

16:00 - 16:30
[Frederik Unger](#), NEC HPC Europe, Stuttgart, Germany
NEC HPC Technology outlook (invited)

16:30 - 17:00
[Rigel Alves](#) and Anderas Knüpfer, TU Dresden, Germany
In Situ Visualization of Performance-Related Data in Parallel CFD Applications

17:00 - 17:30
[Fritz Schinkel](#), Fujitsu, Competence Center Big Data, Munich, Germany
Quantum and Digital Annealing - Concepts and Use Cases (invited)

17:30 - 17.35
Brief wrap-up of the workshop



Submission deadline for the Euro-Pas PhD Symposium has been extended to 27 May, 2023. Click here for more information - <https://t.co/wWxislCJSC>

17.05.2023 - 11:51

The Euro-Par PhD Symposium is a welcoming and supportive forum for PhD students to present their work. Click here for more information: <https://t.co/wWxislCJSC>

04.04.2023 - 09:25

Submit your paper for EURO-PAR 2023 Workshops and Minisymposia! [Click here for more information.](#) <https://t.co/UEseXWb3Dz>

07.03.2023 - 08:18

Abstract submission is due tomorrow 24 Feb, 2023 <https://t.co/eH2C9CRZA3>

23.02.2023 - 08:18

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