

(1) PLENARY SESSION

Room 2, Adam-von-Trott-Saal ▶ Map

Chair: Luc Bouge

09:00 - 10:00

Keynote 1

Michela Tauffer

The University of Tennessee Knoxville

Scientific Applications and Heterogeneous Architectures – Data Analytics and the Intersection of HPC and Edge Computing

(2) PARALLEL SESSION

(2.1) THEORY

Room 1, Emmy-Noether-Saal ▶ Map

Chair: Andrey Chernykh

10:30 - 11:00

Daniel Funke, Peter Sanders and Vincent Winkler

Load-Balancing for Parallel Delaunay Triangulations

11:00 - 11:30

Blair Archibald, Patrick Maier, Robert Stewart and Phil Trinder

Implementing YewPar: a Framework for Parallel Tree Search

11:30 - 12:00

Klaus Jansen and Malin Rau

Linear Time Algorithms for Multiple Cluster Scheduling and Multiple Strip Packing

12:00 - 12:30

Julian Oppermann, Patrick Sittel, Martin Kumm, Melanie Reuter-Oppermann, Andreas Koch and Oliver Sinnen

Design-Space Exploration with Multi-Objective Resource-Aware Modulo Scheduling

(2.2) PROGRAMMING

Room 2, Adam-von-Trott-Saal ▶ Map

Chair: Cornelia Grabe

10:30 - 11:00

Dave Dice and Alex Kogan

TWA - Ticket Locks Augmented with a Waiting Array

11:00 - 11:30

Peter Thoman, Philip Salzmann, Biagio Cosenza and Thomas Fahringer

Celerity: High-level C++ for Accelerator Clusters

11:30 - 12:00

Vivek Kumar

Featherlight Speculative Task Parallelism

12:00 - 12:30

Andres Tomas and Enrique S. Quintana-Orti

Cholesky and Gram-Schmidt Orthogonalization for Tall-and-Skinny QR Factorizations on Graphic Processors

(3) PARALLEL SESSION

(3.1) APPLICATIONS

Room 1, Emmy-Noether-Saal ▶ Map

Chair: Morris Riedel

14:00 - 14:30

Rachid Guerraoui, Erwan Le Merrer, Rhicheck Patra and Jean-Ronan Vigouroux

Unified and Scalable Incremental Recommenders with Consumed Item Packs

14.30 - 15:00

Elnaz Azmi, Uwe Ehret, Jörg Meyer, Rik van Puijssen, Achim Streit and Marcus Strobl

Clustering as Approximation Method to Optimize Hydrological Simulations

15:00 - 15:30

Valentina Avati, Milosz Blaszkiewicz, Enrico Bocchi, Luca Canali, Diogo Castro, Javier Cervantes, Leszek Grzanka, Enrico Guiraud, Jan Kaspar, Prasanth Kothuri, Massimo Lamanna, Maciej Malawski, Aleksandra Mnich, Jakub Moscicki, Shravan Murali, Danilo Piparo and Enric Tejedor

Declarative Big Data Analysis for High-Energy Physics: TOTEM Use Case

(3.2) TOOLS

Room 2, Adam-von-Trott-Saal ▶ Map

Chair: Louis-Claude Canon

14:00 - 14:30

Mohammad Norouzi, Qamar Illas, Ali Jannesari and Felix Wolf

Accelerating Data-Dependence Profiling with Static Hints

14.30 - 15:00

Pierre Huchant, Emmanuelle Saillard, Denis Barthou and Patrick Carribault

Multi-Valued Expression Analysis for Collective Checking

15:00 - 15:30

Alessio Netti, Zeynep Kiziltan, Ozalp Babaoglu, Alina Sirbu, Andrea Bartolini and Andrea Borghesi

Online Fault Classification in HPC Systems through Machine Learning

(4) PLENARY SESSION

Please notice: Change of location for all

SUB/HG, Papendiek 14, 37073 Göttingen ▶ Map

(4.1) VENDOR TALKS, LOCATION

Alfred-Hessel-Saal, 1. floor left

Chair: Christian Boehme

16:00 - 17:00

- INTEL - Edmund Preiss
- DDN - Thomas Blum

(4.2) STUDENTS POSTER SESSION

Paulinerkirche, 1. floor

17:00 - 18:30

Program

Chairs

Luc Bougé and Ramin Yahyapour

(4.3) HPC BAZAAR

Paulinerkirche, 1. floor

- HLRN
Mathias Läuter, HLRN Zuse Institute Berlin (ZIB), Germany
- Gauß-Allianz
Jens Lukaschkowitz, Center of Information Services and High Performance Computing (ZIH), Dresden, Germany
- HPC Exhibition - Back to the Future
Christian Köhler, Simon Heider, Marcus V. Boden, GWDG, Göttingen, Germany
- Practical course
Using the world's first electromagnetic telegraph. First steps in modern communications technology.
Carl Friedrich Gauß, Wilhelm Weber, University of Göttingen, Germany
- Exchange of Experiences
Georg Christoph Lichtenberg, Professor of Experimental Physics, University of Göttingen, Germany

REFRESHMENTS

SUB/HG Atrium

Picknick with Lichtenberg

FURTHER CONFERENCE PROGRAMME

Goto

- ▶ Thursday 29.08.2019
- ▶ Friday 30.08. 2019



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

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/wwXisICJSC>

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 Click here for more information: <https://t.co/eH2C9CRZA3>

23.02.2023 - 08:18

CONTACT US

HOSTS

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GÖTTINGEN

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