



(W 10) Auto-DaSP 2019

Third International Workshop on Autonomic Solutions for Parallel and Distributed Data Stream Processing

DATE

Tuesday 27.08.2019, 14:00 - 17:30

LOCATION

Heyne-Haus, Papendiek 16, 37073 Göttingen, Room 1/left ▶ [Map](#)

SCOPE

The Auto-DaSP workshop contains contributions in the area of Data Stream Processing with particular emphasis on supports for highly parallel platforms and autonomic features to deal with variable workloads.

CHAIRS

- [Massimo Torquati](#), University of Pisa, Italy
- [Valeria Cardellini](#), Università degli Studi di Roma, Italy
- [Gabriele Mencagli](#), University of Pisa, Italy

AGENDA

14:00 pm
Welcome by the Workshop Chairs
14:00 - 14:15 pm
Marco Aldinucci , University of Turin
Presentation: The European High-Performance Computing EuroHPC JU initiative explained
14:15 - 14:40 pm
Daniele De Sensi , Marco Danelutto
Transparent Autonomicity for OpenMP Applications
14:40 - 15:05 pm
Constantin Pohl , Kai-Uwe Sattler
Parallelization of Massive Multiway Stream Joins on Manycore CPUs
15:05 - 15:30 pm
Adriano Vogel, Dalvan Griebler, Marco Danelutto and Luiz Gustavo Fernandes
Minimizing Self-Adaptation Overhead in Parallel Stream Processing for Multi-Cores
15:30 - 16:00 pm
Coffee break
16:00 - 16:25 pm
Mehdi Mokhtar Belkhiria , Cédric Tedeschi
A Fully Decentralized Autoscaling Algorithm for Stream Processing Applications
16:25 - 16:50 pm
Christoph Kessler, Sebastian Litzinger , Jörn Keller
Adaptive crown scheduling for streaming tasks on many-core systems
16:50 - 17:20 pm
Daniele De Sensi , University of Pisa
Tutorial/Demo by Adding autonomic and power-aware capabilities to parallel streaming applications with the Nornir framework
17:20 - 17:30
Wrap-up and Closing by the Workshop Chairs



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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