

## (5) PLENARY SESSION

[Room 2, Adam-von-Trott-Saal](#) ► [Map](#)

Chair: Chris Lengauer

09:00 - 10:00

Keynote 2

[Rosa M. Badia](#)

Barcelona Supercomputing Center  
Complex workflows development in distributed computing infrastructures

## (6) PARALLEL SESSIONS

### (6.1) THEORY & TOOLS

[Room 1, Emmy-Noether-Saal](#) ► [Map](#)

Chair: Felix Wolf

10:30 - 11:00

[Kanat Tangwongsan](#) and Srikanta Tirthapura  
Parallel Streaming Random Sampling

11:00 - 11:30

[Louis-Claude Canon](#), Mohamad El Sayah and Pierre-Cyrille Héam  
A Comparison of Random Task Graph Generation Methods for Scheduling Problems

11:30 -12:00

Jordi Alcaraz, Anna Sikora and [Eduardo Cesar](#)  
Code Region Characterization Using a Reduced Space of Hardware Counters

12:00 - 12:30

[Shu-Mei Tseng](#), Bogdan Nicolae, George Bosilca, Emmanuel Jeannot, Aparna Chandramowlishwaran and Franck Cappello  
Towards Portable Online Prediction of Network Utilization using MPI-level Monitoring

### (6.2) PROGRAMMING & APPLICATIONS

[Room 2, Adam-von-Trott-Saal](#) ► [Map](#)

Chair: Chris Lengauer

10:30 - 11:00

Thuy Linh Nguyen, [Adrien Lebre](#) and Ramon Nou  
YOLO: Speeding up VM and Docker Boot Time by reducing I/O operations

11:00 - 11:30

[David Dice](#) and Alex Kogan  
Avoiding Scalability Collapse by Restricting Concurrency

11:30 -12:00

[Chih-Chieh Yang](#), Juan C. Pichel and David Padua  
Dataflow Execution of Hierarchically Tiled Arrays

12:00 - 12:30

[Sri Raj Paul](#), Akihiro Hayashi, Nicole Slattengren, Hemanth Kolla, Matthew Whitlock, Seonmyeong Bak, Keita Teranishi, Jackson Mayo and Vivek Sarkar  
Enabling Resilience in Asynchronous Many-Task Programming Models

## (7) PARALLEL SESSIONS

### (7.1) CHESS TIMER TALKS

[Room 1, Emmy-Noether-Saal](#) ► [Map](#)

Chair: Marco Aldinucci

14:00 - 14:45

[Alexander van der Grinten](#), Eugenio Angriman and Henning Meyerhenke  
Parallel Adaptive Sampling with almost no Synchronization

14:45 - 15:30

[Nikita Koval](#), Dan Alistarh and Roman Elizarov  
Scalable FIFO Channels for Programming via Communicating Sequential Processes

### (7.2) CHESS TIMER TALKS

[Room 2, Adam-von-Trott-Saal](#) ► [Map](#)

Chair: Paul Kelly

14:00 - 14:45

[Yohan Chatelain](#), Eric Petit, Pablo de Oliveira Castro, Ghislain Lartigue and David Defour  
Automatic exploration of reduced floating-point representations in iterative methods

14:45 - 15:30

[Navjot Kukreja](#), Jan Huckelheim, Mathias Louboutin, Paul Hovland and Gerard Gorman  
Combining checkpointing and data compression to accelerate adjoint-based optimization problems

## (8) PLENARY SESSIONS

Please notice: Change of location for all

16:00 - 18:15 Uhr

Aula, Wilhlemsplatz 1, 37073 Göttingen, 1. floor ► [Map](#)

Chair: Ramin Yahyapour

### (8.1) DISTINGUISHED PAPERS

16:00 - 16:45

[Bram Veenboer](#) and John W. Romein  
Radio-Astronomical Imaging: FPGAs vs GPUs

16:45 17:30

[Arya Mazaheri](#), Johannes Schulte, Matthew Moskewicz, Felix Wolf and Ali Jannesari  
Enhancing the Programmability and Performance Portability of GPU Tensor Operations

### (8.2) PRESENTATION EURO-PAR 2020

17:30 - 17.45

[Krzysztof Rzacda](#), University of Warsaw, and [Maciej Malawski](#), AGH University of Science and Technology, Krakow  
Introduction of 26. Euro-Par in Warsaw, Poland

### PRESENTATION OF THE EURO-PAR AWARD 2019

17:45 - 18:30

[Luc Bougé](#) and [Christian Lengauer](#)

### CONFERENCE DINNER

19:30

from 19:00 Welcoming Drink

[Restaurant Bullerjahn](#) ► [Map](#)

in the historical town hall, Markt 9, 37073 Göttingen

### FURTHER CONFERENCE PROGRAMME

Go to

► [Wednesday 28.08.2019](#)

► [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 <https://t.co/eH2C9CRZA3>

23.02.2023 - 0

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