

# PMACS

Performance Monitoring and Analysis  
of Cluster Systems

In association with



**EURO-PAR**  
CONFERENCE 2019

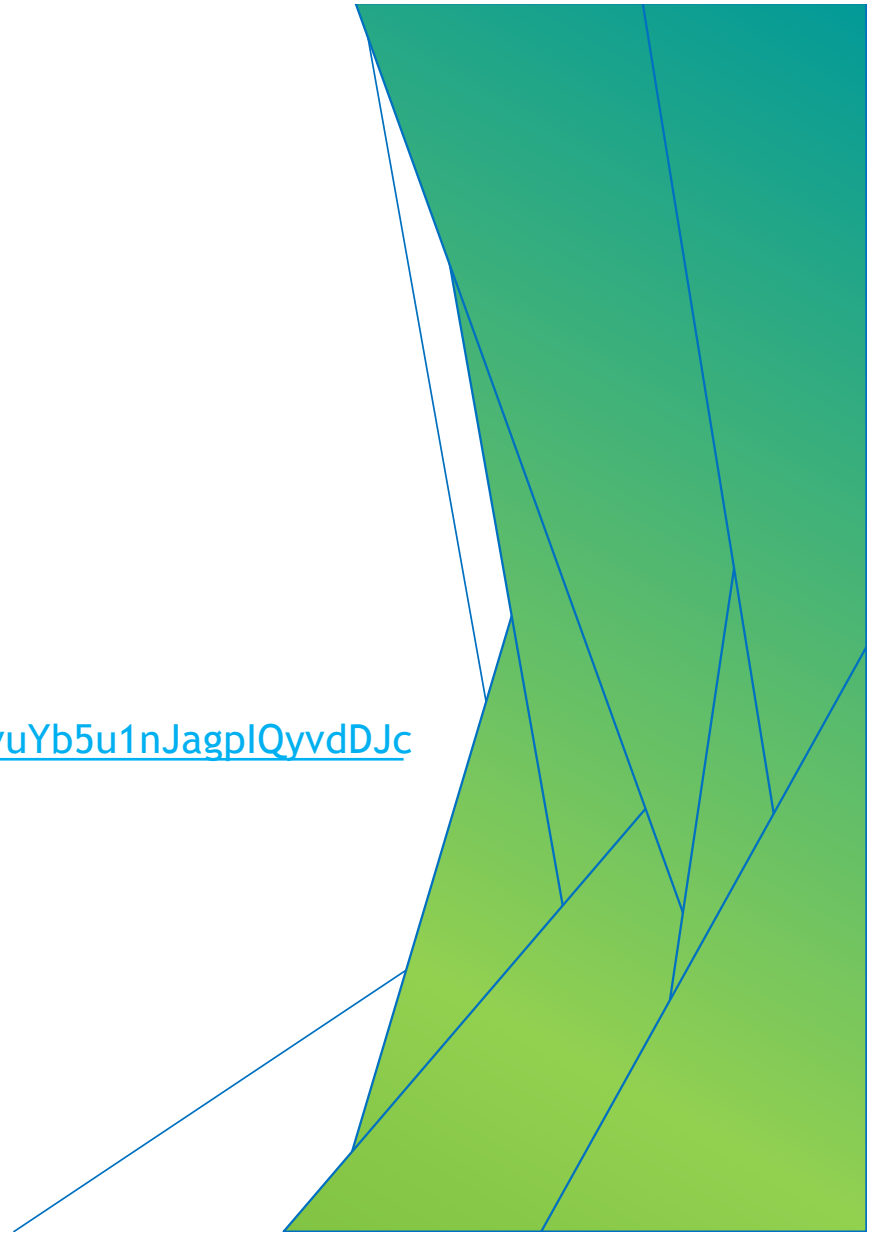
# Agenda

Time	Autors + Title
2:00 - 2:45 pm	Keynote by Stephane Eranian (Google LLC, USA)
2:45 - 3:15 pm	MPCDF HPC Performance Monitoring System: Enabling Insight via Job-Specific Analysis <i>Luka Stanisic and Klaus Reuter (Max Planck Computing and Data Facility (MPCDF))</i>
3:15 - 3:30 pm	Online Survey
3:30 - 4:00 pm	Coffee break
4:00 - 4:30 pm	Sparse Grid Regression for Performance Prediction Using High-Dimensional Run Time Data <i>Philipp Neumann (DKRZ, German Climate Computing Center)</i>
4:30 - 5:00 pm	Towards a Predictive Energy Model for HPC Runtime Systems Using Supervised Learning <i>Gence Ozer, Sarthak Garg, Neda Davoudi, Gabrielle Poerwawinata, Matthias Maiterth, Alessio Netti and Daniele Tafani (TU Munich, LRZ Munich, Intel Corp.)</i>
5:00 - 5:30 pm	Resource Aware Scheduling for EDARegression Jobs <i>Saurav Nanda, Ganapathy Parthasarathy, Parivesh Choudhary and Arun Venkatachar (Synopsys Inc.)</i>

# Survey

<http://tiny.cc/sgzqbz>

<https://docs.google.com/forms/d/1sEplcmrysHTH-Fo1kkcOgWGvuYb5u1nJagplQyvvdJc>



# Summary

- ▶ First edition of PMACS workshop
- ▶ Papers from the scientific as well as commercial world
- ▶ Stabilize the workshop in the upcoming years
  
- ▶ Thanks for the workshop programme committee:  
Stephane Eranian, Ann Gentile, Michael Klemm, Sameer Shende, Julian Kunkel, Heike Jagode, Zhang Yang, Josef Weidendorfer, Robert Dietrich, Jack Deslippe, Jonas Hahnfeld, Erich Focht, Axel Auweter, Dmitry Nikitenko and my co-chair: Anthony Danalis

