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PUBLICATIONS

1. Ana Gainaru, Brice Goglin, Valentin Honor, Guillaume Pallez, Padma Raghavan
Profiles of upcoming HPC Applications and their Impact on Reservation Strategies
[In submission]
2. Hongyang Sun, Ana Gainaru, Manu Shantharam and Padma Raghavan
Selective Protection for Sparse Iterative Solvers to Reduce the Resilience Overhead
[IEEE 32nd International Symposium on Computer Architecture and High Performance Computing (SBAC-PAD), 2020]
3. Ana Gainaru, Brice Goglin, Valentin Honor, Guillaume Pallez, Padma Raghavan, Yves Robert, Hongyang Sun
Reservation and Checkpointing Strategies for Stochastic Jobs
[IPDPS 2020]
4. Ana Gainaru, Guillaume Pallez, Hongyang Sun, Padma Raghavan
Speculative Scheduling for Stochastic HPC Applications
[ICPP 2019]
5. Ana Gainaru, Guillaume Pallez
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[SCALA@SC 2019]
6. Guillaume Aupy, Ana Gainaru, Valentin Le Fevrez
I/O scheduling strategy for periodic applications
[ACM Transactions on Parallel Computing 2019]
7. Ana Gainaru, Hongyang Sun, Guillaume Aupy, Yuankai Huo, Bennett Landman, Padma Raghavan
On-the-fly scheduling vs. reservation-based scheduling for unpredictable workflows
[Special Issue of the IJHPCA 2019]
8. Guillaume Aupy, Ana Gainaru, Valentin Honor, Padma Raghavan, Yves Robert, Hongyang Sun
Reservation Strategies for Stochastic Jobs
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9. Hongyang Sun, Redouane Elghazi, Ana Gainaru, Guillaume Aupy, Padma Raghavan *Scheduling Parallel Tasks under Multiple Resources: List Scheduling vs. Pack Scheduling*
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10. Guillaume Aupy, Ana Gainaru, Valentin Le Fevrez
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[PMBS@SC 2017]
11. Richard Graham, Ana Gainaru, Artem Polyaiov and Gilad Shainer
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12. Leonardo Bautista Gomez, Ana Gainaru, Swann Perarnau, Franck Cappello, Marc Snir, William Kramer
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[IPDPS 2016]
13. Ana Gainaru, Guillaume Aupy, Anne Benoit, Franck Cappello, Yves Robert, Marc Snir
Scheduling the I/O of HPC applications under congestion
[IPDPS 2015]

14. Ana Gainaru, Franck Cappello, Marc Snir, William Kramer
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[IJHPC, Volume 27 Issue 3 Pages 272 281, August 2013]

15. Mohamed Slim Bouguerra, Ana Gainaru , Franck Cappello, Leonardo Bautista Gomez, Naoya Maruyama, Satoshi Matsuoka
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[IPDPS 2013]

16. Franck Cappello, Ana Gainaru
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[Position paper Operating Systems and Runtime Software for Exascale Systems, 2012]

17. Ana Gainaru , Franck Cappello, Marc Snir, William Kramer
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[SC 2012]

18. Ana Gainaru , Franck Cappello, William Kramer
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19. Joshi Fullop, Ana Gainaru, Joel Plutchak
Real Time Analysis and Event Prediction Engine
[Cray User Group 2012]

20. Ana Gainaru , Franck Cappello, Joshi Fullop, Stefan Trausan-Matu, William Kramer
Adaptive Event Prediction Strategy with Dynamic Time Window for Large-Scale HPC Systems
[SLAML 2011]

21. Eric Heien, Derrick Kondo, Ana Gainaru , Dan LaPine, Bill Kramer, Franck Cappello
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