

Joint Laboratory for Extreme-Scale Computing



15th JLESC Workshop
INRIA Bordeaux,
March 21-23, 2023

Organizers:
Emmanuel Jeannot
Olivier Beaumont
Alexis Bandet



Welcome back!



- Only 6 months after the last workshop
- Trying to get back to the regular April meetings
- 7 institutions represented:
ANL, BSC, Inria, JSC, R-CCS, UIUC/NCSA, UTK
- 128 registered participants, 5 countries (at least)
- 2.5 full days, many sessions, time for discussions

Objectives



- We are here to identify, establish and report on **collaborations**
- Please keep in mind: You will be presented **up-to-date, often not yet published result**
- Use the time to **talk** to others and **share** ideas, codes, notes, ...
- Set up follow-up meetings, establish **communication** channels
- Let us know how to improve the JLESC and/or the events

FGCS Journal Special Issue



- Special issue editors: Franck, Daniel, Ruth
- 6-8 papers
- Highlighting great results of the JLESC collaborations
- Topics of Interest include, but are not limited to:
 - Scheduling -Resilience
 - Data reduction -Workflows
 - Scientific AI -Numerical algorithms
 - Programming models-Performance tools
 - Extreme-scale applications
- **Submission deadline: July 1st 2023.**
- Reviews: Sept 15st
- Final version: Jan. 30, 2024
- Submitting → **select the article type VSI: JLESC.**

Review Committee

Anthony Danalis, UTK
Aurelien Bouteiller, UTK
Bogdan Nicolae, ANL
Dingwen Tao, Indiana U.
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Emmanuel Jeannot, INRIA
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Thomas Herault, UTK
Tom Peterka, ANL
William Kramer, NCSA
Yves Robert, INRIA
Andrew Chien, U. Chicago

Program



- Session formats:
 - Short talks (ST): 10 minutes talks, no questions, round tables afterwards (~20-40 minutes)
 - Project talks (PT): 20-30 minutes incl. questions
 - Break-out sessions (BOS): 2h, one particular topic
 - 3 keynotes:
 - **Samuel Thibault (INRIA)**
 - **Miron Livny (U Wisconsin)**
 - **Sadaf Alam (U Bristol)**
 - Poster session, dinners, lunches, breaks!
- Share the slides? Talk to the chairperson of the session!

Acknowledgements



And now...



Enjoy the workshop!