

| PhD Symposium 2 | | Thursday 09:30 - 12:15 |
|----------------------------|---------------------------|---|
| 09:30- 09:45 | Jonatan Enes | New Techniques for Big Data Processing: Performance Characterization and Optimization of Emerging Frameworks |
| 09:45- 10:00 | Arsalan Shahid | Additivity: A Criteria to Select Performance Events for Reliable Energy Predictive Analytical Modeling |
| 10:00- 10:15 | Silvina Caino- lores | Data locality models and techniques for extreme scale systems |
| 10:15- 10:30 | Sergio M.Afonso Fumero | Parallel Computing in Low Power Architectures |
| 10:30- 10:45 | Rima Kriauzienė | Numerical analysis and optimization of parallel algorithms for problems with big computational costs |
| 10:45- 11:00 | Coffe break | |
| 11:00- 11:15 | Sidi Ahmed Mahmoudi | Towards a Smart Selection of Cloud Resources for Multimedia Big Data Computing |
| 11:15- 11:30 | Nelda Kote | Intelligent Information Processing Systems, Successful realization of tasks that require not just algorithmic solutions but an intelligent behavior of program or agent |
| 11:30- 11:45 | Mohammed Amin Belarbi | Dimensionality Reduction in Large Scale Image |
| 11:45- 12:00 | Anatolij Neciporenko | Bioreactor control modeling using diffusion-reaction equations and nonlocal boundary conditions |
| 12:00- 12:15 | Łukasz Górski | Adaptation of selected parallel algorithms to the PGAS programming model and their implementation in Java with the use of PCJ library |