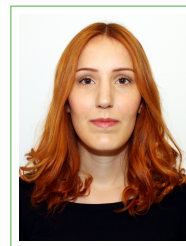


Francieli Zanon Boito

Marie Skłodowska-Curie Fellow

INRIA — Grenoble, France
✉ francieli.zanon-boito@inria.fr
📄 francelizanon.github.io/



Education

- 2010–2015 **Ph.D. in Computer Science**,
University of Grenoble Alpes (France) & Federal University of Rio Grande do Sul (Brazil),
Transversal I/O Scheduling for Parallel File Systems: from Applications to Devices.
Advisers: Yves Denneulin & Philippe O. A. Navaux
- 2005–2009 **Bachelor in Computer Science**,
Federal University of Rio Grande do Sul, Brazil.

Professional Experiences

- 2018– **Marie Skłodowska-Curie Fellow**,
Institut National de Recherche en Informatique et en Automatique (INRIA)
DAMA project, funded by the H2020 MSCA as an Individual Fellowship,
Grenoble, France.
Member of the DataMove team
- 2017–2018 **Postdoctoral Researcher**,
Institut National de Recherche en Informatique et en Automatique (INRIA),
Grenoble, France.
Member of the CORSE team
- 2017–2017 **Postdoctoral Researcher**,
PPGC — Federal University of Rio Grande do Sul,
Porto Alegre, Brazil.
Member of the GPPD — Parallel and Distributed Processing Group
- 2015–2017 **Postdoctoral Researcher**,
PPGCC — Federal University of Santa Catarina,
Florianópolis, Brazil.
Member of the LaPeSD — Laboratory for Research in Distributed Systems
- 2015–2015 **Postdoctoral Researcher**,
PPGC — Federal University of Rio Grande do Sul,
Porto Alegre, Brazil.
Member of the GPPD — Parallel and Distributed Processing Group

- 2010–2015 **Ph.D. Researcher**,
Laboratory of Informatics of Grenoble (France) & Parallel and Distributed Processing Group (Brazil).
Research: parallel file systems, parallel I/O, I/O scheduling, scientific applications, energy consumption
- 2005–2009 **Junior Researcher**,
Parallel and Distributed Processing Group,
Porto Alegre, Brazil.
Research: parallel file systems and parallel I/O
Adviser: Philippe O. A. Navaux

Keywords

High Performance Computing, Parallel I/O, Parallel File Systems, Storage, I/O Scheduling

Languages

Portuguese, English, and French

Selected Publications

- 2018 **F. Z. Boito**, E. C. Inacio, J. L. Bez, P. O. A. Navaux, M. A. R. Dantas, Y. Denneulin. *A checkpoint of research on parallel I/O for high performance computing*. ACM Computing Surveys.
- 2018 A. R. Carneiro, J. L. Bez, **F. Z. Boito**, B. A. Fagundes, C. Osthoff, P. O. A. Navaux. *Collective I/O Performance on the Santos Dumont Supercomputer*. In International Euromicro Conference on Parallel, Distributed and Network-Based Processing (PDP).
- 2017 **F. Z. Boito**, J. L. Bez, F. Dupros. M. A. R. Dantas, P. O. A. Navaux, H. Aochi. *High Performance I/O for Seismic Wave Propagation Simulations*. In International Euromicro Conference on Parallel, Distributed and Network-Based Processing (PDP).
- 2017 J. L. Bez, **F. Z. Boito**, L. Schnorr, P. O. A. Navaux, J.-F. Méhaut. *TWINS: Server Access Coordination in the I/O Forwarding Layer*. In International Euromicro Conference on Parallel, Distributed and Network-Based Processing (PDP).
- 2015 **F. Z. Boito**, R. V. Kassick, P. O. A. Navaux, Y. Denneulin. *Automatic I/O Scheduling Algorithm Selection for Parallel File Systems*. Concurrency and Computation: Practice and Experience.
- 2013 **F. Z. Boito**, R. V. Kassick, P. O. A. Navaux, Y. Denneulin. *AGIOS: Application-guided I/O Scheduling for Parallel File Systems*. In International Conference on Parallel and Distributed Systems (ICPADS).