

CALL FOR PAPERS

Functional Programming in Parallel and Distributed Computing
with publications planned in:
the Concurrency and Computation: Practice and Experience Journal
and the Science of Computer Programming Journal

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The fifth successive Lambda Days conference covers all aspects of the functional programming paradigm in science and technology. The Research Track of Lambda Days 2018 will focus on applications of functional programming in parallel and distributed computing. Contemporary computing problems require high performance hardware, which implies use of parallel processing. Efficient development of new algorithms for such platforms can significantly benefit from using a functional approach.

Researchers are invited to submit manuscripts presenting new research that is related to applications of the functional programming paradigm in parallel and distributed computing. Further instructions and submission details are available at the conference and journal websites. All manuscripts will be reviewed by at least three members of the Programme Committee. The review process includes presentation of the results at the Research Track of the Lambda Days 2018 conference (the conference fee for speakers will be covered by the organizers).

All papers, after extensive review and acceptance by the Guest Editors and Journal Editors, will be published in two Elsevier journals. Papers that focus directly on matters relating to HPC will be published in a special issue of Concurrency and Computation: Practice and Experience Journal (IF=1.133). Papers focused on theoretical and language-oriented issues will be published in a special issue of Science of Computer Programming (IF=1.064). These special issues will be edited by: **Wojciech Turek, Aleksander Byrski, John Hughes, Kevin Hammond and Marek Zaionc.**

Important Dates

Manuscripts submission	31 October 2017
1st review round	23 December 2017
Revised version	20 February 2018
Presentation at the Conference	22-23 February 2018
2nd review round	31 March 2018
Final manuscript	31 May 2018

