CALL FOR PAPERS

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

The fifth in the row Lambda Days conference covers all aspects of functional programming paradigm in science and technology. The Reasearch Track of the 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 shall benefit from using functional approach.

Researchers are invited to submit manuscripts presenting research related to functional paradigm applications in parallel and distributed computing problems. 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 (conference fee for speakers is 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. The papers focused directly on HPC matters shall be published in Concurrency and Computation: Practice and Experience Journal (IF=1.133). The papers focused on theoretical and language-oriented issues will be published in a special section of Science of Computer Programming (IF=1.064). These special sections are edited by: Wojciech Turek, Aleksander Byrski, John Hughes, Kevin Hammond and Marek Ziaonc.

Important Dates

Manuscripts submission
1st review round
Revised version
Presentation at the Conference
2nd review round
Final manuscript

31 October 2017
23 December 2017
20 February 2018
23-24 February 2018
31 March 2018
31 May 2018

Programme Committee:

Stanislaw Ambroszkiewicz
Polish Academy of Sciences, Warsaw, Poland
Carlos Cotta
University of Malaga, Malaga, Spain
Janusz Kacprzyk
Institute of System Research, Warsaw, Poland
Alexey Cheptsov
HLRS, Stuttgart, Germany
Jose Gracia
Universite Paris-Est, France
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Herriot-Watt University, Scotland, UK
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University of St Andrews, Scotland, UK
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Warsaw University, Poland
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University of Vigo, Spain
Katarzyna Ryczarz
AGH University, Krakow, Poland
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Wrocław University of Technology, Poland
Janusz Wojusiak
George Mason University, Fairfax VA, USA
Vladimir Janic
University of St Andrews, Scotland, UK
Maciej Malawski
AGH University, Krakow, Poland
Bartosz Balis
AGH University, Krakow, Poland
Robert Virding
Erlang Solutions, Sweden
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AGH University, Krakow, Poland
Tamás Kozsik
Eötvös Lorand University, Budapest, Hungary
Marco Aldinucci
University of Torino, Italy
Marco Danelluto
University of Pisa, Italy
Laura Castro
University of a Coruna, Spain
Zhenjiang Hu
National Institute of Informatics, Tokyo, Japan

More information at:
www.lambdadays.org
info@lambdadays.org