

CALL FOR PAPERS

Reed-Muller 2015

May 20-21, 2015, Waterloo, ON, Canada

After the International Symposium on Multiple-Valued Logic,

May 18-20, 2015, Waterloo, ON, Canada

The goal of the Reed-Muller 2015 Workshop is to provide a forum for researchers to exchange and discuss research ideas in the following and related areas:

- Graph-based representations of logic functions: BDD, MDD, BMD, EVBDD, etc.
- EXOR-based representations
- Spectral representation of logic functions
- Graph functions, bent functions, and cryptographic applications
- Implementation in silicon (FPLDs, FPGAs, ...)
- Applications, including circuit design, reversible logic, quantum logic, etc.
- Representations for quantum computing, nano-technology, and molecular scale computing
- Cryptographically-significant functions

Paper Submission

Original research, tutorial or survey papers are invited for submission by February 2, 2015 using Easy Chair <https://www.easychair.org/conferences/?conf=rm2015>. Please use IEEE double-column page format. There is no page limit as the Workshop record will be distributed on USB sticks. Six to eight pages is suggested. Templates can be found at http://www.ieee.org/conferences_events/conferences/publishing/templates.html. Please use 'conference' style and US Letter paper size (8.5 by 11 in.).

NOTE: The Workshop papers will only be distributed to Workshop attendees. The copyright remains with the authors.

Important Dates

- Full paper submission: ~~February 2, 2015~~ **EXTENDED TO February 16, 2015**
- Notification of acceptance: March 23, 2015
- Camera Ready Paper Due: April 13, 2015
- Early Registration Due: April 13, 2015
- Workshop: May 20-21, 2015

Program Committee

- Jon T. Butler, Naval Postgraduate School, USA
- Rolf Drechsler, University of Bremen, Germany
- Gerhard W. Dueck, University of New Brunswick, Canada
- D. Michael Miller, University of Victoria, Canada
- Marek Perkowski, Portland State University, USA
- Tsutomu Sasao, Meiji University, Japan
- Radomir Stankovic, University of Nis, Serbia
- Bernd Steinbach, TU Universität Bergakademie Freiberg, Germany
- Mitchell A. Thornton (PC Chair), Southern Methodist University, USA

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The workshop has been previously held in Toyama (Japan) in 2013, Tuusula (Finland) in 2011, Naha (Japan) in 2009, Oslo (Norway) in 2007, Tokyo (Japan) in 2005, Trier (Germany) in 2003, Starkville, Mississippi (USA) in 2001, Victoria (Canada) in 1999, Oxford (UK) in 1997, Chiba (Japan) in 1995, and Hamburg (Germany) in 1993.