

The 20th Conference on Reconfigurable Ubiquitous Computing, RUC'2017

Szczecin, Poland, May 25, 2017

FINAL CALL FOR PAPERS

Conference Information

The 20th Conference on Reconfigurable Ubiquitous Computing is organized by Faculty of Computer Science and Information Technology. Nowadays, embedding computational units into everyday things in order to gather and exchange the information is applied in many practical applications. The design and implementation of such systems need an interdisciplinary research effort including hardware/software co-design and reconfigurable computing. This conference is intended to provide an international forum for the exchange of research ideas and practical solutions in the field of ubiquitous computing. Authors are invited to submit original contributions for the conference. Accepted papers will be published in the Measurement Automation Monitoring Journal.

Scope

- o Reprogrammable and Reconfigurable Devices
- o Video and Image Processing
- o Perception and Cognition
- o Embedded Systems and Control
- o Digital Signal Processing
- o Communications and Networking
- o Rapid Prototyping and Adaptive Systems
- o Mechatronics and Robotics
- o Biomedical Systems
- o Modeling for reconfiguration
- o Synthesis issue of specific modeling descriptions
- o Behavioral homogenous description of software and hardware
- o Multidisciplinary co-design methods and tools
- o High performance computing
- o Co-processors, attached processors and hybrid computing
- o System on chip and network on chip methodology and applications
- o Distributed systems of small and large scale
- o Testing and verification of complex systems

Important Dates

Paper submission:	20 March 2017
Notification of paper acceptance:	17 April 2017
Camera-ready paper and payment:	28 April 2017
Conference:	25 May 2017

Program Committee

Jerzy Sołdek, Poland, (honorary chairman)
Aleksandr Cariow, Poland (chairman)
Mirosław Łazoryszczak, Poland (secretary)
Marian Adamski, Poland
Włodzimierz Bielecki, Poland
Krzysztof Bosakowski, UK
Stanisław Deniziak, Poland
Andrzej Dobrogowski, Poland
Andrzej Dziech, Poland
Piotr Dziurzański, UK
Piotr Gawkowski, Poland
Marek Gorgoń, Poland
Franciszek Grabowski, Poland

Edward Hrynkiewicz, Poland
Ernest Jamro, Poland
Mieczysław Jessa, Poland
Dariusz Kania, Poland
Piotr Kawalec, Poland
Paweł Kerntopf, Poland
Vitaly Levashenko, Slovakia
Tadeusz Łuba, Poland
Tomasz Mąka, Poland
Yannick Le Moulllec, Estonia
Adam Milik, Poland
Andrzej Napieralski, Poland
Krzysztof Piotrowski, Germany

Bolesław Pochopień, Poland
Katarzyna Radecka, Canada
Mariusz Rawski, Poland
Krzysztof Sapiecha, Poland
Amit Kumar Singh, UK
Janusz Sosnowski, Poland
Eric Stahlberg, USA
Krzysztof Wawryn, Poland
Kazimierz Wiatr, Poland
Remigiusz Wiśniewski, Poland
Elena Zaitseva, Slovakia
Zeljko Zilic, Canada

Conference Venue

RUC'2017 will be organized in Szczecin, the capital city of the West Pomeranian Voivodeship in Poland. For more information about the attractions and accommodation in Szczecin please visit www.szczecin.eu website.

Conference Address:

West Pomeranian University of Technology Szczecin
Faculty of Computer Science and Information Technology
ul. Żołnierska 52, 71-210 Szczecin, Poland

e-mail: ruc@wi.zut.edu.pl, phone: +48 91 449 5667, fax: +48 91 449 5559

