

The 21st Conference on Reconfigurable Ubiquitous Computing, RUC'2018

Szczecin, Poland, October 12, 2018

CALL FOR PAPERS

Conference Information

The 21st 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:	15 July 2018
Notification of paper acceptance:	15 August 2018
Camera-ready paper and payment:	9 September 2018
Conference:	12 October 2018

Program Committee

Jerzy Sołdek, Poland, (honorary chairman)
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Vitaly Levashenko, Slovakia
Tadeusz Łuba, Poland
Tomasz Mąka, Poland
Yannick Le Moulec, 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
Ryszard Szpilek, Poland
Krzysztof Wawryn, Poland
Kazimierz Wiatr, Poland
Remigiusz Wiśniewski, Poland
Elena Zaitseva, Slovakia
Zeljko Zilic, Canada

Conference Venue

RUC'2018 will be organized in Dziwnów, city in north-western Poland, on the Baltic Sea. For more information about the attractions and accommodation in Szczecin please visit www.dziwnow.pl website.

Conference Address:

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