KKIO 2016
XVIII KKIO SOFTWARE ENGINEERING CONFERENCE
WROCŁAW, 15-17 September 2016

35 years PTI — POLISH INFORMATION PROCESSING SOCIETY

Keynote Speakers (Planned) – Science

Janusz Kacprzyk (Polish Academy of Sciences, Poland)
Kevin Lano (King's College, Great Britain)

Keynote Speakers – Industry

Marcin Mostowy (CCO KGHM International, Canada)
Robert Snijder (CCO Teleena, The Netherlands)

Steering committee

Piotr Kosiuczenko (Military University of Technology)
Lech Madeyski (Wroclaw University of Technology)
Mirosław Ochodek (Poznan University of Technology)
Michał Śmiałek (Warsaw University of Technology)

Program Committee Chairs

Bogumila Hnatkowska (Wroclaw University of Technology)
Michał Śmiałek (Warsaw University of Technology)

Organizing Committee Chair

Tadeusz Gospodarek (WSB University in Wroclaw)

Conference Topics

Topics of interest include, but are not limited to:

Research track
Software Engineering Research

- Agile software development
- Automated software engineering, tools, environments
- Cloud and service-oriented computing
- Formal methods, verification and synthesis
- Model-driven software development
- Open-source software
- Real-time, and embedded systems
- Software economics, management and metrics
- Software quality

- Architecture and design
- Change configuration and management
- Empirical software engineering
- Human-computer interaction
- Medical software systems
- Programming languages and techniques
- Requirements engineering
- Software life-cycle processes
- Software process improvement
- Software product lines, reuse and reverse engineering
- Testing, debugging, fault localization

Software Engineering in Education

- Novel course ideas and curricula
- Course experience reports

- Tools and e-learning
- Positions and opinions

Industrial track

- Software systems, methods and technologies of software systems for administration, business and economic practice
- Methods and assessment and utility analysis of software systems

- Barriers to the transfer of IT solutions to business practice
- Case studies including implementation of projects from R+D
- Experience reports
- Positions and opinions

KKIO 2016 Invitation

KKIO is the prime conference series which since 1999 has been covering all topics of software engineering research and practice. It is organized under the auspices of the Polish Information Processing Society (PTI). In 2016, it will take place in Wroclaw, the capital of Lower Silesia, Poland. The conference mission is described by a motto:

"Better software = more efficient enterprise: challenges and solutions"

The aim of KKIO 2016 is to stimulate research and to promote cooperation between science, industry, and government.

We invite researchers, PhD students, and business representatives to submit papers concerning research, research and development, case-studies, software engineering education, and application of software systems in industry. Papers can be written in English or in Polish. Additionally, we are open for proposals of special sessions/workshops, discussion panels, training/business workshops and tutorials.

Publications

After positive reviews accepted papers will be published in one of the following volumes:

- Volume of Advances in Intelligent Systems and Computing, Springer, 2016. The books of this series are submitted by Springer to WoS, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink (15 MNiSW points).
- Scientific Papers of the Polish Information Processing Society Scientific Council (4 or 5 MNiSW points).
- Scientific Papers of the WSB in Wroclaw (8 MNiSW points)

kkio.pti.org.pl

Springer

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Wyższa Szkoła Bankowa we Wrocławiu

Wrocław University of Technology

PTI — POLSKIE TOWARZYSTWO INFORMATYCZNE ODDZIAŁ DOLNOŚLĄSKI