

## KKIO 2019 Detailed Program

<b>Tuesday, 10 September Hotel Golebiewski</b>	
18:00 – 19:00	Registration
19:00 – 21:00	Reception
<b>Wednesday, 11 September Hotel Golebiewski</b>	
9:45	Conference opening Chairs: Aneta & Stanislaw
10:00 – 11:00	<b>Keynote Harry Sneed</b> – Inconsistency in Software Engineering Chair:
	Break
11:15 – 12:15	<b>Session S1 Data Modelling</b> Chair:
	<b>A data-driven conceptual modeling</b> Bogumila Hnatkowska, Zbigniew Huzar and Lech Tuzinkiewicz
	<b>Information management system for an administrative office with RFID-tagged classified documents</b> Robert Waszkowski and Tadeusz Nowicki
	<b>Towards a Unified Requirements Model for Distributed High Performance Computing</b> Michal Smialek and Kamil Rybiński
12:30 – 14:00	Lunch
14:00 – 14:30	<b>Keynote Tomasz Misztal</b> – Moja przygoda z turkusowym zarządzaniem Chair:
14:30 – 15:30	<b>Session S2 Development / Management / Agile</b> Chair:
	<b>Creating evolving project data sets in software engineering</b> Tomasz Lewowski and Lech Madeyski
	<b>Software development artifacts in large agile organizations: A comparison of Scaling Agile Methods</b> Ewelina Winska and Włodzimierz Dąbrowski
	<b>Development method of innovative projects in higher education based on traditional software building process</b> Rafał Włodarski and Aneta Poniszewska-Maranda
	Break
15:45 – 16:45	<b>Session S3 Testing</b> Chair:
	<b>ISO 25010 support in Test Point Analysis for testing effort estimation</b> Agnieszka Malanowska and Ilona Bluemke
	<b>Emerging Results: Evaluation of Selected UX Techniques by Product Managers – a Preliminary Survey</b> Jakub Miler and Margarita Menjega-Schmidt.
	<b>Inferring hints for defect fixing order from requirements-to-test-case mappings</b> Stan Jarzabek, Konrad Liszewski and Cezary Boldak

16:45 – 17:25	<b>Session S4 Security</b> Chair:	
	<b>AntiAnti-Cheat Tool for Detecting Unauthorized User Interference in The Unity Engine Using Blockchain</b> Michal Kedziora, Aleksander Gorka, Aleksander Marianski and Ireneusz Jozwiak	
	<b>Securing connection and data transfer between devices and IoT cloud service</b> Krzysztof Stepień, Aneta Poniszewska-Maranda and Witold Marańda.	
19:00 – 22:00	<b>Conference Dinner</b>	
<b>Thursday, 12 September Hotel Golebiewski &amp; Social Event at Tykocin</b>		
9:00 – 10:00	<b>Keynote Katsuro Inoue – Software Clones</b> Chair:	
	<i>Break</i>	
10:30 – 11:30	<b>Special Session S5a Requirements Engineering (1)</b> Chair:	
	<b>Approaches to Business Analysis in Scrum in StepStone – Case Study</b> Piotr Forowicz	
	<b>Safety and Security Integrated SIL Evaluation Using the NFR Approach</b> Janusz Zalewski and Nary Subramanian	
	<b>Towards a Lightweight Approach for the Evaluation of Requirements Engineering Impact on Other IT Project Areas</b> Aleksander Jarzebowicz and Katarzyna Poniatowska	
11:30 – 12:30	<b>Special Session S5b Requirements Engineering (2)</b> Chair:	
	<b>Bridging Requirements Engineering and Software Development Process</b> Jakub Swacha and Pawel Baszuro	
	<b>On Cognitive Biases in Requirements Elicitation</b> Andrzej Zalewski, Klara Borowa and Damian Kowalski.	
	<b>On Importance of Non-functional Requirements in Agile Software Projects – A Survey</b> Sylwia Kopeczyńska, Mirosław Ochodek and Jerzy Nawrocki.	
12:30 – 14:00	<i>Lunch</i>	
14:00 – 15:30	<b>Keynote Andrzej J. Blikle – Teal Organizations of XXI century</b> Chair:	
16:00 – 21:00	Social Event with Dinner & Best Paper Award	Tykocin Village & Castle
	Meet in front of the Hotel at 16:00. Bus leaves 16:05. Dinner 18:30 after sightseeing.	
<b>Friday, 13 September Informatics, Białystok University of Technology</b>		
9:00 – 11:15	<b>Tutorial From Use Case Models to Working Prototypes: Model-Driven Requirements Engineering in Action</b> Presenter: Michal Smialek, Warsaw University of Technology	
9:00 – 10:00	<b>Session S6 Business Analysis</b> Chair:	
	<b>From COBOL to Business Rules – Extracting Business Rules from Legacy COBOL Code</b> Harry Sneed and Chris Verhoef.	

	<p><b>Framework for processing behavioral business rules written in a controlled natural language</b> Bogumila Hnatkowska and Martyna Litkowska</p>
	<p><b>Mining Bug Repositories for Bug Triage Automation</b> Abeer Hamdy and Abdul Rahman El-Laithy</p>
	<p><i>Break</i></p>
10:15 – 11:15	<p><b>Session S7 Cloud &amp; Security</b> Chair:</p>
	<p><b>Cloud Cognitive Services based on Machine Learning methods in Architecture of modern Knowledge Management Solutions</b> Pawel Tadejko</p>
	<p><b>Software integration of manufacturing resources in the hybrid cloud model for Industry 4.0</b> Marek Bolanowski and Andrzej Paszkiewicz.</p>
	<p><b>Light-Weight Congestion Control for the DCCP: implementation in the Linux kernel</b> Robert Chodorek and Agnieszka Chodorek.</p>
11:15	<p><b>Conference Closing</b></p>
11:20 – 12:30	<p><i>Lunch</i></p>