

# Program of the 9<sup>th</sup> Prague Embedded Systems Workshop

## Thursday, July 1

12:00-13:30	Lunch
13:30-13:45	<b>Opening</b>
13:45-15:15 (3x 30)	<b>Session 1. Chair: Martin Novotný</b>
	<i>Florian Herbold, Andrea Reindl, Hans Meier, Michael Niemetz and Stefan Krämer: Secure Software Updates: Challenges and Solutions for Embedded IoT Systems</i>
	<i>Michele Benolli, Seyedali Mirheidari, Elham Arshad and Bruno Crispo: Unconscious Check-in: An Empirical Analysis of OAuth CSRF in the Wild</i>
	<i>Jan Bělohoubek, Petr Fišer and Jan Schmidt: Standard Cell Design For Data-Independent Static Power Under Illumination</i>
15:15-15:30	Coffee break
15:30-17:00 (3x 30)	<b>Session 2. Chair: Tomáš Čejka</b>
	<i>Jan Onderka: Fast fixed-point arithmetic in three-valued binary number abstraction</i>
	<i>Sandro Sartoni, Riccardo Cantoro, Patrick Girard, Riccardo Masante, Matteo Sonza Reorda and Arnaud Virazel: Self-Test Libraries Analysis for Pipelined Processors Transition Fault Coverage Improvement</i>
	<i>Dmitrii Vekshin, Karel Hynek and Tomáš Čejka: Brief Summary of Observations and Research on Encrypted DNS</i>
17:00-???	Dinner & bowling

## Friday, July 2

10:00-10:30	<a href="#"><u>Industrial Lecture - Roman Ludin (STMicroelectronics): Semiconductor innovation supporting industrial trends</u></a>
10:30-11:00	<a href="#"><u>Keynote - Oana Stan: Privacy Preserving Collaborative Learning</u></a> (on-line)
11:00-12:30	Lunch + hanging posters
12:30-14:00	Poster session + coffee break
14:00-15:00	<a href="#"><u>Keynote - Leonel Sousa: Modular Arithmetic-based Circuits and Systems for Emerging Technologies and Applications: Deep Neural Networks and Cryptography</u></a> (on-line)
15:00-16:00	Poster session + coffee break
16:00-16:30	Poster session evaluation
16:30-???	Social event

## Saturday, July 3

10:00-11:00	<a href="#"><u>Keynote - Tiziano Villa: Component-Based Design by Solving Language Equations</u></a>
11:00-11:15	Coffee break
	<b>Session 3. Chair: Piotr Mroź</b>
11:15-12:15 (2x 30)	<i>Oskar Jędrzejczak, Piotr Mróz and Małgorzata Mazurkiewicz: System of automatic approach control for a tractor unit's approach to a semi-trailer</i>
	<i>Jiří Khun and Jan Schmidt: Satisfiability Modulo Simulation: What Can It Do?</i>
12:15-12:30	<b>Closing</b>
12:30-???	Lunch