

INNOVATÍV INFORMATIKAI ÉS INFOKOMMUNIKÁCIÓS MEGOLDÁSOKAT MEGALAPOZÓ
TEMATIKUS KUTATÁSI EGYÜTTMŰKÖDÉSEK (3in) projekt

THEMATIC FUNDAMENTAL RESEARCH COLLABORATIONS GROUNDING INNOVATION IN
INFORMATICS AND INFOCOMMUNICATIONS (3in) project

Draft Agenda

3in Conference on Software and Artificial Intelligence

Date: November 6, 2020

Venue: online (MS Teams link will be sent to registered participants)

Registration is open until November 5, 2020, 5:00 pm and can be done here:

https://docs.google.com/forms/d/e/1FAIpQLSfcuQYkX8O4tmOdTZqFmhq0sKzHDLp2y0aXXVPs_M0oFPaOXq/viewform?usp=pp_url

08:50-09:00	Opening
09:00-10:20	Session I
09:00-09:20	Tools of Modern Software Development - <i>Endre Fülöp and Norbert Pataki, ELTE</i>
09:20-09:40	Cell-Oriented Programmig – <i>Dániel Rátai, ELTE</i>
09:40-10:00	Design and analysis of distributed CPS – <i>András Vörös, Dániel Szekeres, Levente Bajcsi, Mihály Dobos-Kovács, Csanád János Csuvárszki, Milán Mondok, BME</i>
10:00-10:20	High assurance refactoring - <i>Dániel Horpácsi, Péter Bereczky, ELTE</i>
10:20-10:30	Coffee break
10:30-12:00	Session II
10:30-11:00	Reasoning in Fuzzy Syllogistic Ontologiness - <i>Bora Kumova, Duale Hochschule Baden-Württemberg Mosbach</i>
11:00-11:20	Semantically supported edge reconfiguration in cyber-physical systems – <i>Imre Kocsis, András Vörös, Jenő Szalontai, Nándor Lengyel, Richárd Szabó, András Pataricza, BME</i>
11:20-11:40	Discovering Shared Variables for Comprehension of Multithreaded C++ Programs - <i>Attila Gyén, ELTE</i>
11:40-12:00	Symbolic Execution with Finite State Automata - <i>Endre Fülöp and Norbert Pataki, ELTE</i>

12:00-13:00	Lunch break
13:00-14:00	Session III
13:00-13:20	Teaching Introductory Programming by Creating Animations with Scratch- <i>Peter Bernát, ELTE</i>
13:20-13:40	Dynamic Graph Algorithms, Refactoring Decompiled Code, and Obfuscation Techniques - <i>Gregory Morse, ELTE</i>
13:40-14:00	Automation of a resilience-oriented Kubernetes cluster for Edge Computing and IIoT - <i>Michael Chima Ogbuachi, ELTE</i>
14:00-14:10	Coffee break
14:10-14:50	Session IV
14:10-14:30	Attribute based encryption in distributed environments - <i>Mohammed B. M. Kamel (ELTE, HFU), Péter Ligeti (ELTE) and Christoph Reich (HFU)</i>
14:30-14:50	Protocol State Machine Reverse Engineering with a Teaching-Learning Approach – <i>Gergő Ládi, BME-VIK, CrySyS Lab</i>
14:50-15:00	Coffee break
15:00-16:20	Session V
15:00-15:40	Interactive Machine Learning – <i>Daniel Sonntag, DFKI (German Research Center for Artificial Intelligence)</i>
15:40-16:00	Communicating digital evolutionary machines - <i>István Elek, ELTE</i>
16:00-16:20	Logic inference support for exploratory data analysis - <i>András Földvári and András Pataricza, BME</i>
16:20-16:30	Coffee break
16:30-17:30	Session VI
16:30-16:50	Numeration systems and cryptographic applications - <i>Péter Burcsi, ELTE</i>
16:50-17:10	Computation of the Grothendieck constant - <i>András Németh, ELTE</i>
17:10-17:30	k-Designs - <i>Ágoston Kaposi, ELTE</i>
17:30	Closing

Note: The privacy policy - data management notice and the streaming disclaimer is available on the event's website here:
<http://efop2017.inf.elte.hu/3in/2020/11/02/3in-conference-on-software-and-artificial-intelligence/>.

