

## Short Biography of Oszkár Semeráth

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Oszkár Semeráth was born on March 6 in 1988. He started his studies in 2007 at Budapest University of Technology and Economics and started working under the supervision of Prof. Dániel Varró since his undergraduate studies at the Department of Measurement and Information Systems at BME within the Fault Tolerant Systems Research Group and the Lendület Cyber-Physical Systems Research Group. His research focuses on modeling tools and logic solvers, he has been the main developer of the VIATRA Solver graph generator framework.

His research paper won the IEEE/ACM best paper award at the MODELS 2013 conference which is the primary forum in the field of model-driven engineering. In 2018, he also published at the main research track of the IEEE International Conference on Software Engineering, being the first author in Hungary to publish at the premier forum for software engineering for 22 years. Overall, his results were published in 3 journal papers with impact factor, in 13 conference papers, including 8 top-tier conferences. His papers received over 50 independent citations. He also won first place at the national student research contest, and he won Schnell László publication award.

He co-supervised 7 students in the scientific research competition in Hungary, and 6 students in the summer undergraduate research program of McGill University in Canada.