

## Department of Computer Science Cracow University of Technology (CSD CUT –

www.pk.edu.pl) conduct the research focused mainly on artificial intelligence, design and implementation of information systems, data intensive distributed computing and decision support systems, grid and cloud computing, multiagent systems together with services/components for the underlying middleware. CSD CUT is set to become a regional and national hub of excellence for teaching and research in scalable intelligent and data intensive computing. Aimed to support the wide Polish industry, the CS Department provides teaching, research and entrepreneurship skills through a mutually beneficial collaboration of experts from industry and academia. The dedicated state-of the art facilities support comprehensive evaluation, grassroots incubation, and seamless adoption of computational Intelligence technologies for didactic, commercial, and research purposes. The CSD CUT purposeful settings foster innovative thinking to fully harness the potential of intelligent large scale and data intensive computing.

Our competences and experiences are justified with work and coordination more than 10 projects **within the 6FP, 7FP and Horizon 2020 frameworks**, including the recent **“cHiPSet: High-Performance Modelling and Simulation for Big Data Applications”**, (Horizon 2020 COST Action IC1406, 2015-2019); **“ParaPhrase: Parallel Patterns for Adaptive Heterogeneous Multicore Systems”**(FP7 ICT-288570, 2011-2015), supporting the international scientific cooperation as well as dissemination and commercialization of research results.

### We seek for:

**Industrial partners interested in the mutual project work in the fields of Big Data processing and analytics in medical and environmental sciences, smart environments, intelligent evacuation systems supported by large scale IT systems, cybersecurity and trust in cyber physical systems, situation awareness, green energy infrastructures.**

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