

Candidate supervisor's information summary form

maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: Bartłomiej Jacek Kubica, Dr. Sc.	
Academic discipline/disciplines	Computer science
Professional development (degrees and titles) in chronological order	<p>PhD: May 2006, Faculty of Electronics and Information Technology, Warsaw University of Technology</p> <p>Thesis title: Optimization of Admission Control for Systems with Uncertain Parameters</p> <p>D. Sc.: July 2020, Faculty of Engineering and Computer Science, Częstochowa University of Technology</p> <p>Title of achievement: Interval methods of solving nonlinear decision problems</p>
Most important publications/ patents in the last 3 years (maximum 10)	<p>Bartłomiej J. Kubica, Developing an interval method for training denoising autoencoders by bounding the noise, FedCSIS 2023, DOI: 10.15439/2023F865.</p> <p>Bartłomiej Jacek Kubica, Algorithmic differentiation and hull-consistency enforcing using C++ template meta-programming, <i>Numerical Algorithms</i> 94, 1673–1704 (2023), DOI:10.1007/s11075-023-01551-8</p>
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order	
Achievements in the area	

of projects/grants (in the last 5 years)	
Subject area of the research project for which the candidate student is being recruited	Multithreaded programming, clusters, cloud computing, distributed systems, GNU/Linux, interval computations, machine learning
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