

## 1. Education

- DsC (Prof.) 2017 Faculty of Electronics and Information Technology
- PhD 2008 Faculty of Electronics and Information Technology
- MSc 2003 Faculty of Electronics and Information Technology
- BSc 2002 Faculty of Electronics and Information Technology

## 2. Employment

- Faculty of Electronics and Information Technology 04.2018 – present Associate Professor
- Faculty of Electronics and Information Technology 10.2008 – 03.2018 Assistant Professor
- Kyungpook National University (S. Korea) 06.2015 – 07.2015 Visiting Professor
- University of Michigan (USA) 10.2011 – 04.2012 Visiting Assistant Research Scientist
- Faculty of Electronics and Information Technology 10.2007 – 09.2008 Assistant
- Institute of Electron Technology (Warsaw) 10.2007 – 06.2008 Engineer

## 3. Research record

- Publications in JCR list 25
- Publications (in peer-reviewed journals) 29
- Conference communications 94
- Conference lectures 25
- Reports 20

## 4. Research projects (recent)

- Project in the course of strategic programme of National Centre for Research and Development (NCBiR) „Novel materials technologies – TECHMATSTRATEG” (TECHMATSTRATEG1/347012/3/NCBR/2017), entitled.: *Tunable hyperbolic metamaterials for photonic devices of novel generation (HYPERMAT)*, duration: December 2017 – November 2020, Main Investigator, Consortium Coordinator.
- Project in the course of Joint Research Program on Advanced Materials (V4 Countries-Japan), entitled: *Nanophotonics with metal – group-IV-semiconductor nanocomposites: From single nanoobjects to functional ensembles (NaMSeN)*, duration: January 2016 – January 2019, Main Investigator
- Project no. UMO-2011/01/D/ST7/00640 (NCN SONATA), entitled: *Ultra-shallow plasma ion implantation for advanced MOS/MOSFET technology on silicon and silicon carbide – the phenomenon and attempts of technological optimization*, duration: December 2011 – June 2017, Principal Investigator.
- Project GRAF-TECH/NCBR/13/20/2013 (NCBiR), entitled.: *Photograph – Ultra-fast Photodetector based on Graphene*, duration: March 2013 – June 2016, Main Investigator.

## 5. Awards and distinctions

- Bronze Cross of Merit awarded by the President of Poland (2019).
- Rector of the Warsaw University of Technology Award (1<sup>st</sup> degree) for scientific achievements (2018).
- Rector of the Warsaw University of Technology Award (2<sup>nd</sup> degree) for scientific achievements (2017).
- Rector of the Warsaw University of Technology Award (3<sup>rd</sup> degree) for didactics achievements (2015).
- Rector of the Warsaw University of Technology Award (1<sup>st</sup> degree) for organization achievements (2014).
- Scholarship for academic teachers and young investigators supported by the European Union in the framework of European Social Fund through the Warsaw University of Technology Development Programme, 2009-2010 and 2012.
- 4-times awarded by best paper/communication during national and international scientific conferences: Electron Technology (ELTE) – 2004 and 2007, Diagnostics & Yield 2009, International Conference on Vacuum Techniques 2011.

## 6. Other

- Member of WUT's Scientific Council of the Discipline Automatics, Electronics and Electrical Engineering.
- Member of Faculty Committee for Scientific Issues.
- Expert of National Centre for Research and Development (NCBR), since 2012 (more than 25 reviews of research projects within strategic R&D programmes, i.e., PBS, POIR, INNOTECH, Fast Track).
- Research internship (5 weeks) within Science Infrastructure Management Support (SIMS) programme of National Centre for Research and Development (Fraunhofer Institute, Technical University, Dresden – Germany, IBM – USA), 2014.
- Visiting Scholar/Visiting Professor during 2015 International Summer School of KyungPook National University (KNU), Daegu, South Korea.
- Member of Rector's Committee for Dekaban Foundation (bilateral collaboration with University of Michigan – USA).