

Dr Linas Minkevičius is a senior researcher at Terahertz Photonics Laboratory and the head of the Optoelectronic Systems Characterization Laboratory at the Department of Optoelectronics, Center for Physical Sciences and Technology (FTMC). He is also a shareholder of the high-tech Lithuanian-Slovenian Joint Stock Company 'Luvitera' and an assistant professor at the Faculty of Physics, Vilnius University. In 2016, he defended his thesis 'Terahertz image recording matrices operating at room temperature', which was awarded as the best thesis in the field of physics and technology of 2016. The main research area is the development of compact and convenient imaging/detection systems in terahertz (THz) and infrared (IR) regions. The main scientific goal of recent years is to develop an innovative, flat optics-based, compact terahertz imaging system that allows the identification of low-absorbing materials in the THz frequency range. To achieve this goal, Dr Minkevičius is working in the field of THz detectors/arrays design and development using various semiconductor heterostructures and antenna configurations. In addition, he is developing compact diffractive or phase shifting elements designed to specifically control THz radiation. The designed components are used in the development of compact THz imaging systems for various practical applications. His research results were published in 26 publications having an impact factor in the Clarivate Analytics Web of Science database and presented in over 80 international conferences. During last few years he had three invited talks. He is a co-author of one of the Lithuanian patents. Dr Minkevičius undertook several internships at the Institute of Physics, Johann Wolfgang Goethe University, Germany. Currently he is involved in a R&D project and is responsible for the research into QWIP detectors and for their manufacturing team. He is taking part in the international cooperation project with the Polish University of Technology, where he is responsible for the experimental research part. He was awarded the Young Scientist Scholarship of the Lithuanian Academy of Sciences for 2018-2019 and Infobalt fellowship for research work on 'InGaAs THz Sensors and Flat Diffraction Optics in Compact Imaging Systems' (2017). His other awards include an Acknowledgment of the President of Lithuania and Lithuanian Young Scientists Union Award for the best doctoral thesis of 2016 in physical, technological, biomedical, and agricultural sciences, PhD scholarship of the Research Council of Lithuania for academic achievement (2012–2015), and a Letter of Appreciation of Benediktas Juodka , Rector of Vilnius University, for achievements in science and studies (2011).