

RADEK MARTINEK

Prof. Radek Martinek is the Dean of the Faculty of Electrical Engineering and Computer Science at VSB – Technical University of Ostrava and the head of the Signal Lab research group. His research focuses on advanced signal processing, sensors, measurement, and applications of artificial intelligence in technical and biomedical domains.

He is one of the youngest full professors in the Czech Republic and has been consistently ranked among the top 2% most cited scientists worldwide (Stanford University). He is the author and co-author of more than 350 scientific publications, including over 150 journal papers indexed in Web of Science, with an H-index of 25 and more than 2,500 citations.

Prof. Martinek is also the holder of 11 national patents and the author of dozens of software solutions, prototypes, pilot implementations, and utility and functional models. His research is strongly oriented toward applied research and technology transfer, with extensive collaboration with industrial and clinical partners.

At VSB-TUO, he also serves as the University Coordinator for Space Research, actively developing international and industry-driven research collaborations.