

**Prof. Dr Renaldas Raišutis** is the Chief Researcher and Head of the Numerical Simulation Laboratory at Prof. Kazimieras Baršauskas Ultrasound Research Institute of Kaunas University of Technology (KTU) and Professor at the Department of Electrical Power Systems, Faculty of Electrical and Electronics Engineering at KTU.

He graduated in 1999 from Kaunas University of Technology (Lithuania) with a B.Sc. in Electronics Engineering. Later, he gained an M.Sc. in Ultrasound Technology in 2001 and was awarded a PhD in Measurement Technology in 2005. His main field of research includes fundamental and applied ultrasound, non-destructive testing, measurement, monitoring and quality control, signal and image processing, characterization of material and composites, solutions for prediction maintenance, Artificial Intelligence (AI) based decision support and diagnostics, medical devices and related technologies. The fields of application cover topics related to Aerospace, Defence, Transport, Energy (nuclear, renewable and fossil), Oil and gas, Health and Medtech, Process control, automation in Industry 4.0 and Smart Factories.

He is the author and co-author of more than 103 scientific publications and 41 conference proceedings (h-index: 16 (Clarivate Analytics)), innovator and co-author of 10 international patents (USA and EU), three patent applications and one national patent. He is a member of KTU Senate, council of Prof. Kazimieras Baršauskas Ultrasound Research Institute (elected in 2014), member of IEEE society, ESIS (European Structural Integrity Society), Lithuanian Biomedical Engineering Society, Lithuanian Society of Acoustics, Lithuanian Society of Telemedicine, Member of Lithuanian Business Angel Network (Litban). Peer reviewer of BINDT Insight, IEEE and Elsevier journals, member and chairman of doctoral studies committee of Measurement Engineering. He has more than 20 years' experience in developing decision support systems. Prof. Raišutis has invented more than ten different ultrasound technologies and applications. He participated in more than 19 FP5, FP6, FP7, Eurostars and Horizon 2020 international and 11 national projects (as a researcher and principal investigator). He is the supervisor of 5 PhD candidates, among which three have already defended their doctoral dissertations. He is a consultant for international companies and public institutions, such as a technical expert of the Eureka Secretariat, an expert at the Lithuanian Research Council, an expert of the Lithuanian Agency for Science, Innovation and Technology, and a member of technology entrepreneurship programmes. Expert, mentor and consultant for local and international industry, start-ups and the research field. He is a laureate of the KTU Award as an active researcher (2010) and Dr Juozas Petras Kazickas foundation award (2011, 2017).

Ultrasound Institute of KTU hosts the research Infrastructure ULTRATEST: "Ultrasonic Non-Destructive Testing, Measurement and Diagnostics Center" (Prof. Dr Renaldas Raišutis is the coordinator): <http://portal.meril.eu/meril/view/facilitys/15504>.

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