

Prof. Teresa Zielińska

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Teresa Zielińska (MSc Eng. 1979, PhD 1987, DSc 1995, Professor 2005) is the Director for Research at the Institute of Aeronautics and Applied Mechanics, Warsaw University of Technology (WUT). She serves as Vice-Chair of the Committee on Automatic Control and Robotics of the Polish Academy of Sciences, President of the HERITAGE India–Europe academic network, and a member of the Scientific Advisory Board of CHIST-ERA, a European funding body supporting research in information and communication technologies.

She is the local coordinator of the international Japan–Europe Master on Advanced Robotics program and of the European project “Capacity Building in Robotics & Autonomous Systems in India.” She has held academic positions at Loughborough University of Technology (UK) and Nanyang Technological University (Singapore), and has served as a visiting professor at numerous institutions across Europe, Asia, and Australia, including Griffith University (Australia) and Waseda University (Japan).

Professor Zielińska is a member of several editorial boards of international scientific journals, including *Robotica* (Cambridge University Press). Her research focuses on robotics, particularly the optimized design, synthesis of motion, and action planning of legged machines and humanoid robots, as well as the application of artificial intelligence methods to human action recognition. She is the author of over 300 scientific publications in these fields.

For eight years, she served as Secretary General of IFToMM. She is a recipient of the IFToMM Dedicated Service Award and is an active member of the IFToMM Technical Committee on Robotics and Mechatronics as well as the Permanent Commission on History of Mechanism and Machine Science.