

Prof. József Váncza

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József Váncza graduated from the Faculty of Electrical Engineering of the Budapest University of Technology and Economics (BME), Hungary in 1984 and received his PhD in Mechanical Engineering in 1994. Since his graduation, he has been working at the Institute for Computer Science and Control (SZTAKI), where he is Head of the Research Laboratory for Engineering and Management Intelligence. His research interests include engineering applications of artificial intelligence, production informatics, cyber-physical manufacturing systems, human-robot collaboration, production networks, as well as cooperative and sustainable manufacturing. He was awarded among others with the Order of Merit of the Hungarian Republic, Knight Cross (2008), the Dennis Gábor Prize for Innovation (2021) and the Rudolf Kálmán Prize (2025). He has been involved in university education almost for four decades, teaching at the Faculty of Mechanical Engineering of BME where he is an Honorary Professor.

József Váncza was elected Corresponding Member and Fellow of CIRP in 2003 and 2008, respectively. He has been Chair of the Production Systems and Organisations Committee (2016-2019), served in the Nomination Committee (2015-2021), the Editorial Committee (2020-) and the Council (2023-). Now he is Chair of the Editorial Committee and Vice-President Elect. He is Vice-President of the International Academy of Engineering and Technology (AET), Fellow of the Hungarian Academy of Engineering and an associate editor of the CIRP Journal of Manufacturing Science and Technology, as well as Robotics and Computer-Integrated Manufacturing. He sits on the editorial boards of several leading engineering journals.