

Nikolaos Fachantidis is a professor in the Department of Educational and Social Policy at the University of Macedonia, specializing in "Robotics Technologies in Education and Lifelong Learning." He received his diploma from the Department of Electrical and Computer Engineering at Aristotle University of Thessaloniki and later completed the postgraduate program in "Advanced Computer Systems."

He holds a Ph.D. from the same department in hybrid control of robotic arms, and his applied research was conducted at the GRASP lab of the Department of Computer and Information Science at the University of Pennsylvania, Philadelphia, USA, where he worked as a researcher.

He has served as a faculty member in both Pedagogical and Engineering Departments, teaching in their respective graduate and undergraduate programs. His scholarly work and research interests focus on the utilization of Information and Communication Technologies in learning, the development and evaluation of educational software, and the application of new technologies in continuing and informal education. He has a particular interest and activity in the field of Educational Robotics and Social Robotics.

He has authored more than 80 publications in conferences and scientific journals, as well as participated in and received awards in national and international competitions. Notable achievements include the first place in the European Educational Technology Competition TELLUS 2015 Awards (Paris 2015) for designing robots for individuals on the autism spectrum and the third place in the global competition IDA design awards 2018 (Los Angeles 2018) for educational support robots in STEM learning.

He has contributed as a researcher or coordinator in more than 25 research programs. He is the scientific head of the Robotics Academy at the University of Macedonia, director of the M.Sc. program "Educational Sciences: Applications of Information and Communication Technologies in Education and Lifelong Learning," and director of the established laboratory of Computer Science and Robotics Applications in Education and Society.