

# Michael Šebek CV

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**Michael Šebek** is a professor of cybernetics and head of the Department of Control Engineering at the Czech Technical University in Prague. He has worked at ETH Zurich, Twente Universiteit, and the Academy of Sciences. He helped found the Czech Institute of Informatics, Robotics, and Cybernetics. He has also lectured at dozens of universities worldwide and lived in Toronto, Glasgow, and Padua. He created the elite Cybernetics and Robotics program and co-founded the EU SpaceMaster program, whose students are at a different European university each semester. He is a recognized and cited expert in automatic control theory, networks, multi-agent systems, robots, autonomous cars, aircraft, and satellites formations. He has published hundreds of frequently cited papers in the world's top journals. He founded PolyX, a software company for applying polynomial methods with thousands of installations in industry and schools worldwide. He has led or supervised dozens of EU, NATO, international, domestic, and contract research projects for Honeywell, Porsche, US Navy, and others. Dozens of his Ph.D. students have achieved successful careers in companies and universities worldwide. He pioneered the European Industrial Doctorate program. He served on governing boards of the international societies IFAC, IEEE CSS, and EUCA. The 16th IFAC World Congress he organized and chaired in Prague appeared as the most significant event in the field up to that time. He has been a Scientific Board member of several Universities and Ministries and the Vice-Chair of the Research Evaluation Commission of the Government Council. He also made himself known as the coordinator of the nationwide research organizations evaluation program M17+ for the Czech government and an uncompromising Chairman of its Engineering a Technology Panel. He is a member of many Scientific Councils and Vice-Chairman of the Research Assessment Commission of the Czech Government Research and Development Council. He founded the RoboRace competition for secondary and primary schools, in which hundreds of teams from all over the country enthusiastically participate every year. He has received many awards, including the Werner von Siemens Award for the Best Educator. He is an enthusiastic science communicator and tireless advocate of educational change in his frequent media appearances. For everything else, see [www.michaelsebek.cz](http://www.michaelsebek.cz).

