

Michael Sebek was born in Prague, Czechoslovakia in 1954. He obtained the Diploma with honors in Electrical Engineering from the Czech Technical University in Prague (CVUT) in 1978, a Ph.D. equivalent degree in Control Engineering from the Czechoslovak Academy of Sciences in 1981 and the DrSc. degree in Automatic Control from the Czech Academy of Sciences in 1995. Since 1979, he has worked at the Institute of Information Theory and Automation, for many years as the Head of Control Theory Department. He was with the University of Twente, The Netherlands (1990-91) and with the Swiss Federal Institute of Technology (ETH), Zurich (1994-95). At CVUT, he led a research group in the Trnka Laboratory for Automatic Control (1998-2000). Since 2003, he has been the Head of the Department of Control Engineering at CVUT. In addition, he is the manager of the Center for Applied Cybernetics which is a huge R&D consortium participated by eight academic institutions, seven industrial companies and five end-user firms.

Michael's research interests include linear control and systems theory, robust control, n-D systems and filters, numerical methods and software. He published over two hundred seventy research papers in international journals and conference proceedings. The Science Citation Index (Thomson Reuters) registers well over five hundred citations of his works with h-index 12.

Michael Sebek has led numerous research projects. He coordinated European Network of Excellence for Industrial Applications of Polynomial Methods EUROPOLY (CP7010). He was the Contractor of the EC Project CP93: 2437 Algorithms for CAE based on modern polynomial methods; NATO grant PST.CLG.978481; and of many bilateral international projects with France, Austria, Greece, Italy, Japan, and Spain. He obtained numerous Czech research grants and projects including the Ministry of Industry and Trade technology transfer project with Honeywell.

Michael Sebek integrates research with teaching at CVUT (undergraduate and graduate courses in systems and control. In 2003, he received pedagogical degree docent (Doc.). In 2004, he was appointed the highest Czech pedagogical degree professor (Prof.) by the President of the Czech Republic. He chairs Doctoral Studies Board in the field of Control Engineering and Robotics at the CVUT. He is also a member of various boards of several other Czech Universities (Technical University of Liberec, Thomas Bata Technical University in Zlin and at the Faculty of Mechanical Engineering, CVUT). He leads the Czech Group in the multi-university European master program in space science and engineering called SpaceMaster. He has been invited to teach graduate courses at various foreign universities (ETH Zurich, Belgium Graduate School, and Technical University of Hamburg-Hartburg) and to give separate lectures at over hundred universities in Europe, America, Asia and Africa. Michael has successfully supervised six PhD students.

Michael's activity in technical societies is remarkable. He is a Senior Member of the Institute of Electrical and Electronics Engineers, Inc. (IEEE), serving in the Czech IEEE Section Executive Board. He founded and several years chaired the Czech IEEE Control System Society (CSS) Chapter. He served as an Executive Committee member of the Central European Chapter of the Engineering Management Society of the IEEE. For many years, he also worked in the CSS Conference Editorial Board. Within the International Federation of Automatic Control (IFAC), Michael worked as the vice chair of the Policy Committee and as a member of the Technical Committee on Control Design. Currently he is a member of the IFAC Council, of the Administrative and Finance Committee and of Technical Committee on Robust Control. He is also a Member SIAM and AMS. He served as an Associate Editor for the European Journal of Control for several years. Currently, he is a member of the Administrative Council of the European Union Control Association (EUCA).

Michael organized several international conferences. In particular, he was the General Manager of the 16th IFAC World Congress, Prague, 2005. He was the General Chair of the IEEE CACSD Conference in Taipei, Taiwan in 2004, the NOC Chair of IFAC ROCOND 2000 and co-founder the IFAC SSSC. He regularly serves in International Program Committees of prestigious international conferences organized by IFAC and IEEE.

Michael Sebek co-founded PolyX Ltd, Prague ([www.polyx.com](http://www.polyx.com)), the company producing software for systems, signals and control based on original polynomial methods. PolyX Ltd. is a partner of The MathWorks Inc., USA. Currently, Michael is the CEO and leads the development of the company main product: the Polynomial Toolbox for Matlab.

More details can be found at the personal web page [www.michaelsebek.cz](http://www.michaelsebek.cz) .