



Candidate for Treasurer, IAS Executive Board, 2021

Dr. Tamas Ruzsanyi - Brief Bio

Dr. Tamás Ruzsányi was graduated as M.Eng, Eng. Expert and Dr. Tech. degrees in Electrical Engineering and Electric Drives at the Budapest University of Technology in 1976, 1978 and 1982 respectively. He started to work at Ganz Electric Works, Budapest, in 1978 as design engineer of electric drives for industry and urban vehicles. Between 1988 and 1993 he was Chief Engineer at Ganz Ansaldo leading the R&D activity on industrial and traction drives. His department developed microprocessor controlled excitation systems and drives for power plants and traction drives for trams, trolleybuses, metro cars and suburban trains. In 1993 he was nominated as Director of Electronics Division of Ganz Ansaldo Ltd. and between 1996 and 2002 he was the Chief Engineer of Electronics and Vehicle Division. He played significant role in the development of drives based on IGBTs and signal processor with field-oriented control. In 2002, he continued his technical carrier as R&D strategy and Marketing director of Ganz Transelektro Traction Ltd, Budapest and since 2006 he has been working as Technical Director of Ganz-Skoda Ltd, Budapest. He was the design leader of traction system for Budapest Metro Line 2 and Line 4, and the Chef Technical Supervisor of the traction and control system delivered to more metro project in China. Actually, he is working on the system integration of electric bus projects for city public transport. He has more technical publications and conference papers as well as 6 registered patents.

IEEE Activity

2003	IEEE member, IEEE society memberships PEL, IA, IE, VT (2008-)
2004	Establishment of IEEE Hungary Section IAS Chapter
2004 – 2010	IEEE Hungary section IAS Chapter Chair
2005 – 2006	IEEE IAS Outstanding Small Chapter Awards.
2007 – 2008	IAS CMD Chapter Committee Chair: Updating of IAS chapter roster
2008 – 2010	IAS Chapters Area Chair of R8 and IAS CMD Workshop Committee Chair.
2008 – 2010	One of the organizers of more IEEE Leadership Workshops supported by IAS and R8
2009	IEEE Senior member
2011 – 2014	IEEE IAS CMD Workshop Committee Chair organizers of Chapter Workshops
2011 – 2016	IEEE IAS Executive Board member as Member-at-Large
2012 –	IEEE IAS DL&PL Program Committee Chair
2014 – 2015	IEEE IAS 50 th Anniversary program Committee Chair
2014 – 2016	IEEE IAS CMD Vice-Chair
2016 – 2020	IEEE IAS Executive Board member as Meetings Department chair

Statement

I have more than 15 years of experience with the IEEE as a volunteer, and for 10 years, I have had a closer relationship with the IEEE IAS Executive Board as a member at large as well as vice-chair and chair of various committees and departments. I am proud to have worked together with excellent experts in the Executive Board and learned a lot from them. In the different positions I understood the IEEE procedures and collected a lot of experience concerning the Chapters and Membership activities and how to organize meetings and conferences as well as I established many personal relations with the conference organizers all over the World by providing help and support to their efforts. I developed a more transparent overview about the IAS sponsored conferences and I collected a lot of knowledge on the conference financing as well. I am convinced that based on my experiences I could serve the IAS Executive Board as treasurer and can have a significant contribution together with the other IAS Executive Board members to elevate IAS to be one of the most successful IEEE societies.