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Short biography

Ondřej Straka is Associate Professor with University of West Bohemia, Czech Republic and head of Identification and Decision-Making Research Group within the European Centre of Excellence NTIS – New Technologies for the Information Society, where he focuses on nonlinear state estimation, information fusion, stochastic systems, fault detection, and system identification.

Dr. Straka has published over eighty journal and conference papers. He has participated in a number of project of fundamental research and in several project of applied research (e.g., GNSS-based safe train localization, attitude and heading reference system). He was involved in development of several software frameworks for nonlinear state estimation. In 2014, he has received Werner von Siemens Excellence Award for the most important result of fundamental research.

He has been a member of the Technical Program Committee of the FUSION Conferences since 2010. He served as a special session co-chair for FUSION 2016 conference. Besides the FUSION conferences, he has served to the scientific community as the General Chair of the 12th European Workshop on Advanced Control and Diagnosis and member of Steering Committee of European Workshop on Advanced Control and Diagnosis.

Position statement

The key to success of any community is to build on solid traditions and at the same time to be open to new directions. My goal as an ISIF board member will be to promote the community, the FUSION conference, and the ISIF journals (JAIF and Perspectives), which form the solid traditions of the ISIF. Also, I want to attract researchers and developers from other communities and industry to get acquainted with our fusion community and technical problems pursued here. This interdisciplinary connection will help in broadening the scope of fields, where the excellent theoretical results achieved by the ISIF members and presented at the FUSION Conferences and ISIF journals will be applied. I believe that this will narrow the gap between the excellent theory and practical applications.

I want to increase attractivity of the ISIF; most importantly, I want to support technical excellence of the ISIF activities, from which prestige of the ISIF community itself will naturally rise.