

# Plenary Speaker

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Prof. Ilya V. Kolmanovsky

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## Biography

Dr. Ilya Kolmanovsky has received his M.S. and Ph.D. degrees in aerospace engineering, and the M.A. degree in mathematics from the University of Michigan, Ann Arbor, in 1993 and 1995, respectively. He is presently a full professor in the department of aerospace engineering at the University of Michigan, with research interests in control theory for systems with state and control constraints, and in control applications to automotive and aerospace systems including control and energy management in propulsion systems. Before joining the University of Michigan as a faculty, Dr. Kolmanovsky has been with Ford Research and Advanced Engineering in Dearborn, Michigan, for close to 15 years, where the focus of his research has been on advanced control of engines and powertrain systems to improve their energy efficiency, emissions and performance. Dr. Kolmanovsky is a Fellow of IEEE, a past recipient of the Donald P. Eckman Award of American Automatic Control Council, of two IEEE Transactions on Control Systems Technology Outstanding Paper Awards, and of several awards of Ford Research and Advanced Engineering. He is named as an inventor on 97 United States patents.