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Her research interests are focused on control design problems and structural approaches in multivariable linear and nonlinear systems, hybrid systems, switching systems, impulsive systems and time-delay systems. She is also involved in fault diagnosis and fault tolerant control design.

She has authored nearly 200 refereed research papers in the field. She is Associate Editor of IFAC Journal “Nonlinear Analysis: Hybrid Systems” since 2018. She is a Member of IFAC Technical Committee 2.2 “Linear Control Systems” and IFAC TC 9.4 “Control Education”, since 2014 and 2019, respectively. She is the Coordinator of IFAC TC2.2 Working Group on “Control of Complex Systems” for the triennium 2021-2023. She is an IEEE Senior Member since 2003 (an IEEE Member since 1999). She is a Member of the IEEE Control Systems Society (CSS) Technology Conference Editorial Board and of the IEEE CSS Technical Committee “Educon” since 2019. She has been a Member of the IEEE CSS Member Activities Board from 2007 to 2010. She is International Program Committee Chair of the “8th IFAC Symposium on System Structure and Control (IFAC SSSC 2022)”, National Organizing Committee Chair of the “1st IFAC Workshop on Control of Complex Systems (IFAC COSY 2022)” and she has been National Organizing Committee Chair of the IFAC technically co-sponsored event “15th European Workshop on Advanced Control and Diagnosis (ACD 2019)”. She is Editor (with A.M. Perdon and G. Conte) of Springer LNCIS volume 482 “Structural Methods in the Study of Complex Systems” and (with S. Simani and G. Conte) of Springer LNCIS Proceedings volume “15th European Workshop on Advanced Control and Diagnosis”.