Prof. Dr Miroslav Krstic, foreign member of AESS since 2015., was born on September 14, 1964, in Pirot. He graduated as valedictorian from the Pirot Gymnasium and earned his undergraduate degree in electrical engineering at University of Belgrade in 1989, specializing in automatic control. He completed his PhD at University of California, Santa Barbara, in 1994 and won the UCSD best dissertation award.

In 1997 Krstic became Associate Professor with tenure at University of California, San Diego, was promoted to Full Professor in 1999, was appointed in 2009 to the Alspach Endowed Chair in Dynamic Systems and Control, and in 2015 was promoted to Distinguished Professor, which is the highest academic rank at University of California.

Krstic is *Fellow* in a record number of six scientific societies: IEEE, ASME, SIAM, IFAC, IET (United Kingdom), and AIAA (Assoc. Fellow). Krstic won the prestigious Schuck and Axelby best paper awards, National Science Foundation Career Award, Office of Naval Research Young Investigator Award, Presidential Early Career Award for Scientists and Engineers, Harold Chestnut Control Textbook Prize, given triennaly by the International Federation of Automatic Control (IFAC), and the Nyquist Lecture Prize, given by ASME Dynamic Systems and Control Division. He was the first engineering professor in the history of UCSD to receive the Award for Excellence in Research (the year following the chemistry Nobel laureate Roger Tsien). Krstic was Distinguished Visiting Fellow of the Royal (UK) Academy of Engineering, Distinguished Lecturer of the IEEE Control Systems Society, and Russell Severance Springer Distinguished Visiting Professor at the University of California, Berkeley. On the occasion of Krstic's fiftieth birthday, 45 of his colleagues published a Springer monograph in his tribute, *Recent Results on Nonlinear Delay Control Systems: In Honor of Miroslav Krstic* (407 pages).

Krstic is a coauthor of 10 books (M11 monographs), over 200 journal papers (about 170 in the M21 category), over 300 refereed papers at conferences, 30 book chapters, and 2 patents. Krstic is one of the 5-10 most highly cited researchers worldwide in the area of automatic control (and more highly cited than most of the members of the U.S. National Academy of Engineering from the control field). He has over 22000 Google Scholar citations (Scopus > 8000, without self-citations > 6500), and a Google Scholar H-index of 62 (Scopus = 48).

Scientific contributions: nonlinear and adaptive control, control of distributed parameter systems (pioneered the explicit control design for systems modeled by partial differential equations and for systems with delays), Extremum Seeking (solved the problem of stability, introduced numerous innovations, and popularized ES as a tool for model-free optimization in numerous industrial applications and in mobile robotics).

Krstic has led numerous industrial and research projects (valued over $11 million for his personal share), including M83 projects in semiconductor manufacturing (Cymer), tokamak reactors (General Atomics), oil production (Statoil), lithium-ion batteries (Bosch), automotive engines (Ford), gast turbines (Unitied Technologies), particle accelerators (Los Alamos), autonomous aircraft (Northrop Grumman), and chemical testing of rocks on Mars (NASA).

Educational contributions. Among Krstic's doctoral and postdoctoral students 22 have gone on to professorial positions in various countries. He has co-authored 10 books, of which half are used in graduate courses, and one received the prestigious triennial Harold Chestnut Award given by IFAC.

Leadership/service. Associate Vice Chancellor for Research at UCSD. Founded the Center for Control Systems and Dynamics at UCSD. Editor of three Springer-Birkhauser book series.

Currently serving as Senior Editor in the two most prestigious automatic control journals: IEEE Trans. on Automatic Control and Automatica.