

In memoriam Professor Simona Iuliana Caramihai

21 July 1966 – 6 June 2026

Prof. Dr. Eng. Simona Iuliana Caramihai left us at the beginning of June 2026, leaving a deep sadness and pain in our hearts. The Romanian School of Automatic Control has lost a prominent personality of the academic environment, a remarkable professor dedicated to the noble profession of teaching.

With a natural teaching gift, a genuine devotion to its students and to school in general, Prof. Simona Iuliana Caramihai leaves behind an enduring legacy for many generations of students she taught and mentored, by shaping their career and future. Prof. Caramihai stood out for his passion and commitment, for her seriousness and responsibility for the educational process. She successfully conducted courses, laboratory sessions, and projects with excellent results, some of them being developed and organized based on his own original concepts. Prof. Simona Iuliana Caramihai has coordinated with high professionalism many bachelor's and master's dissertations, enjoying the unanimous appreciation of students and colleagues. She actively participated in developing the curriculum, proposed and coordinated master's programs within the Center for Human Resources Training (CHRT) in the Faculty of Automatic Control and Computers at “Politehnica” University of Bucharest. Also, she was directly involved in the successful operation of the unique master's programs organized within the CHRT.

In parallel with her outstanding didactic activity, Prof. Simona Iuliana Caramihai carried out sustained and consistent scientific research activity in cutting-edge fields such as: Discrete Event Systems, Hybrid Systems, Intelligent Manufacturing Systems, Robotics, Optimization of Transportation Systems, Smart Cities, Complex Integrated Systems, Cyber-Physical Systems, Knowledge Management. She actively participated in the coordination of scientific research projects within the faculty and CHRT. Her research activity resulted in more than 150 papers and 18 co-authored books published by national and international publishing houses.

Prof. Simona Iuliana Caramihai played an important role in serving the academic community in the field of Automatic Control and Technical Informatics within Romanian Society of Automatic Control and Technical Informatics, where she held the position of Secretary General. Also, she supported the Journal of Control Engineering and Applied Informatics as Associate Editor since its founding.

Throughout her more than 35 years at the faculty, Prof. Simona Iuliana Caramihai stood as a model of a dedicated educator, deeply committed to her profession, and her passing is a significant loss for the academic community.

We will cherish the memory of a person who showed absolute rigor in everything she undertook, always open to collaboration and deeply involved in the life of the Control Engineering community in Romania.

Acad. Ioan Dumitrache

Editor in Chief