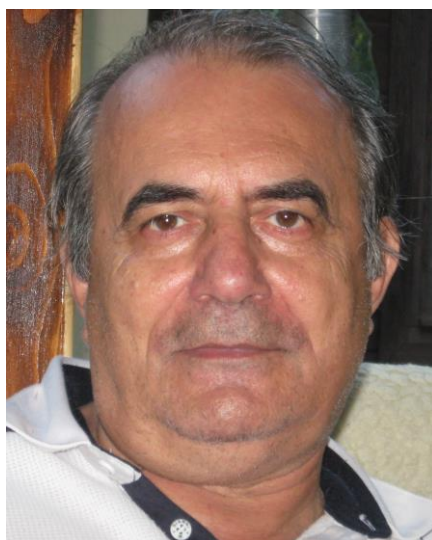


## IN MEMORIAM

### PROF. DR. ENG. CORNELIU CONSTANTIN RĂDULESCU (1946 – 2021)

Corneliu C. Rădulescu was a distinguished professor at the University Politehnica of Timisoara, who brought an important contribution to the fields of Machine Parts and Robotics.

He was born in Bucharest, on the 16th of January 1946, but he studied and lived his entire adult life in Timișoara. He graduated in 1972 the Polytechnic Institute “Traian Vuia” Timișoara, Mechanical Engineering Faculty, section Mechanical Engineering Technology. Passioned by robotics, Corneliu C. Rădulescu became a pioneer in the field, with his Ph.D. thesis *Contributions to optimal structural and dimensional synthesis of spherical and quasi-spherical mechanisms with application to industrial robots*, finished in 1987.



Prof. Dr. Eng. Emeritus Corneliu Constantin Rădulescu (1946 – 2021)

Corneliu C. Rădulescu started his academic career in 1979, as assistant professor at the University Politehnica of Timișoara, Department of Mechatronics (former Mechanisms and Machine Parts Department). He became full professor in 1996, as specialist in Machine Parts and Robotics.

During the 32-year career, he lectured 11 courses, related to Machine Parts and Robotics, in Romanian and German. Corneliu C. Rădulescu authored 25 books, printed by well-known

publishers and over 130 scientific papers, presented at various conferences in Romania and all over Europe. His research work begun with the Interdisciplinary Research Team for the Design of Robots, in the 80'. He was an important contributor to the design and manufacturing of the first industrial robots in the country, REMT – 1 and REMT – 2. As he was a valuable designer, Corneliu C. Rădulescu took part in the development of 53 projects, on national and international level. His work favoured the collaboration with colleagues from Germany, Poland, Czech Republic, Austria, Hungary and others.

He made himself known by activity in numerous professional associations, such as The Romanian Society of Robotics (SRR – founding member 1990), the General Association of Engineers from Romania –AGIR, the Fine Mechanics and Optics Association (AMFOR), the Romanian Association for the Theory of Machines and Mechanisms (ARoTMM), the Verein Deutscher Ingenieur (VDI), the Association Romanian Mechanical Transmissions (ROAMT) and the Romanian Mechatronics Society (SROMECA).

Corneliu C. Rădulescu was not only a professor and a researcher, but also a contributor to the development of technical university education. He took part in the establishment of the specializations Industrial Robots – Bachelor and Robotic Systems with Artificial Intelligence – Master. He was member of several commissions at national level, as representative of the University Politehnica of Timișoara. In this regard, he activated as an expert evaluator of CNCSIS in the fields of Robotics and Machine Parts (1998-2008), expert evaluator of ANCS in the fields of Robotics and Machine Parts (2006-2009). He also was assigned as member of several organizing committees and editor of the volumes of conferences on Robotics. He was invited as reviewer at international conferences.

After his retirement, in 2011, he continued to work together with his colleagues in The Mechatronics Department. On 15 May 2014 Corneliu C. Rădulescu received the Politehnica University award of Professor Emeritus. Further he co-authored more scientific papers and five books, his last volume being published in 2021.

Corneliu C. Rădulescu is remembered as dedicated and successful professor and researcher, in the gallery of personalities in the Mechatronics Department.

Prof. Dr. Eng. Erwin-Christian Lovasz  
Prof. Dr. Eng. Corina-Mihaela Gruescu  
Politehnica University of Timisoara