

Curriculum vitae

Professor Emeritus Blaž Gotovac

Blaž Gotovac, professor emeritus, was born on January 22, 1951 in Čavoglave, Drniš municipality, Republic of Croatia. He finished secondary technical construction school in Split in 1969, and graduated from the Faculty of Civil Engineering of the University of Zagreb in 1975. At the same faculty, he obtained his master's degree in 1982, and then he defended his doctoral dissertation in 1987. Since the fall of 1975, he has been continuously employed at the current Faculty of Civil Engineering, Architecture and Geodesy in Split. Since 2002, he has held the title of full professor, as well as the title of scientific advisor with ID number 014020. Since 2006, he has held the permanent title of full professor.

He performed duties in organizational activities. In 1988, he was elected head of the Construction Department of the Civil Engineering Institute OOUR FGZ Split, a position he held until the reorganization in 1991, after which he was appointed head of the Department of Technical Mechanics, a position he held until 2016.

Prof. Ph.D. Blaž Gotovac participated in an international educational project TEMPUS-ICADERS (Integrated CAD of Earthquake Resistant Buildings and Civil Engineering Structures), 1992-1995, and was the leader or associate of 11 scientific research projects. Professor Gotovac's effort to create, adapt and apply sophisticated numerical methods for solving practical engineering objects is evident through his scientific research work.

So far, he has published 106 scientific papers, of which 15 in CC and SCI journals, 12 in other journals and 38 at international conferences. He is co-author of 1 book, 5 chapters in books, 20 other papers in conference proceedings. The results of his scientific and teaching activities can be highlighted through the following units: development of numerical models for the analysis of structures composed of shells, plates, walls, beams and columns; research of numerical models for the analysis of tunnels and underground structures; implementation of atomic basis functions and development of new numerical procedures in computational mechanics; reconstruction and renovation of historical buildings.

For teaching purposes, he created several working teaching materials for undergraduate, graduate and postgraduate courses, and he led the creation of 4 computer programs in the field of technical mechanics. He was the supervisor of 32 graduate theses, 2 master's theses and 3 doctoral theses. He was awarded the plaque for his contribution to the preservation and development of the Faculty of Civil Engineering in Mostar.

In addition to scientific teaching, he also engaged in professional engineering activities. He passed the professional exam in 1978. Due to his professional development, he occasionally stayed abroad (Finland and Algeria) in the period 1982-1984 years. He is certified construction project auditor for massive and masonry constructions. He is a member of the Croatian Chamber of Civil Engineers, Croatian Society of Mechanics and Croatian Society of Civil Engineers.

He created more than 45 professional projects, studies and expertise and more than 50 project controls - audits. Of the large number of professional projects on which he worked as an associate, designer, responsible designer or project manager, the participation of prof. Ph.D. Blaž Gotovac in the role of manager of the rebuilding of the Old Bridge in Mostar from 2002 to 2004 should be singled out in particular.