

**IN MEMORIAM: PROFESSOR EMERITUS IBRAHIM AGANOVIĆ
(1934–2024)**



We are deeply saddened to announce the passing of Professor Emeritus **Ibrahim Aganović**, who died on November 4, 2024, in Zagreb at the age of 90. Born on July 10, 1934, in Banja Luka, Professor Aganović dedicated his entire academic career to the University of Zagreb, Croatia, where he made lasting contributions to mathematics and academic life.

Professor Aganović graduated in 1958 and earned his PhD in mathematics in 1966, both from the University of Zagreb. He served at the University from 1959 until his retirement in 2004, becoming a full professor in 1979 and professor emeritus in 2005. He held several leadership roles, most notably as Dean of the Faculty of Science (formerly the Faculty of Mathematics and Natural Sciences) from 1986 to 1988. In 1992, he was elected as a corresponding member of the Croatian Academy of Sciences and Arts (HAZU).

His principal areas of research included the mathematical foundations of quantum field theory and boundary value problems in continuum mechanics. He made pioneering contributions to the mathematical modeling of thin and composite structures

and was widely recognized as one of the foremost applied mathematicians in the former Yugoslavia.

Professor Aganović served on the Editorial Board of the *Sarajevo Journal of Mathematics* from 2018. He was the principal investigator of numerous research projects, supported by major scientific funding bodies in the former Yugoslavia and, after 1992, by the Republic of Croatia. He also served as Head of the Division of Applied Mathematics at the University of Zagreb during the periods 1978–1980 and 1982–1993.

Throughout his career, Professor Aganović supervised 70 undergraduate theses, 19 master's theses, and 6 doctoral dissertations. His mentorship and leadership had a lasting impact on generations of mathematicians. Personally, I had the privilege of having him as a co-adviser for my PhD in 1981 and fondly recall his calm demeanor, intellectual generosity, and respect for differing viewpoints. Our interactions at several international conferences in the early 1980s remain among my most valued professional experiences.

His scholarly work includes 34 publications listed in MathSciNet and several influential textbooks published in Croatian—among the few comprehensive works on applied partial differential equations available in the languages of the former Yugoslavia. He also authored a number of classified or unpublished reports developed within research projects, which accounts for his relatively modest visible publication output. Between 1980 and 1989, he played a central role in organizing nearly all major conferences in applied mathematics held in the former Yugoslavia.

Professor Aganović collaborated with numerous international institutions, including Moscow State University (1962–63), Warsaw University (1979), Hamburg University (1986, 1992), the University of Saskatchewan (1988), the University of Ioannina (1989), Leningrad University (1989), Yerevan State University (1989), the University of Saint-Étienne (1991), and the University of Freiburg (1996). He was a frequent and respected speaker at many international conferences in applied mathematics across Europe.

Further information about Professor Aganović can be found on his profile at the Croatian Academy of Sciences and Arts (HAZU):

<https://www.info.hazu.hr/clanovi/aganovic-ibrahim/>

Rest in peace, Professor Aganović. Your legacy lives on through your work, your students, and your enduring impact on the field of applied mathematics.

Mustafa Kulenović