



Joviša Žunić
May 9, 1961 - March 24, 2025

Joviša Žunić was born on May 9, 1961, in Novi Sad, and passed away on March 24, 2025. He graduated from the Faculty of Sciences in Novi Sad in 1985. At the same faculty, he earned his master's degree in 1989 with the thesis titled “Algorithms on Periodic Grids” and his doctorate in 1991 with the dissertation “Computational Geometry on an Integer Grid.”

He began his academic career as a teaching assistant at the Faculty of Technical Sciences in Novi Sad, where he held the positions of assistant (1987–1994), assistant professor (1994–1998), and associate professor (1999–2003). In 2003, he was elected a research professor at the Mathematical Institute of the Serbian Academy of Sciences and Arts, where he worked from 2005 until his passing in 2025. Additionally, he held positions at Cardiff University (Cardiff, UK) for over a decade and at the Department of Computer Science at the University of Exeter (Exeter, UK) for nearly two decades.

His research topics included:

- Encoding and enumeration problems for digital objects:
- Shape based object classification, recognition and identification
- Multi-component shape approach in computer vision

Žunić was an invited speaker at the Dagstuhl Seminar: Innovations for Shape Analysis: Models and Algorithms, Dagstuhl, Wadern, Germany (2011), the 10th Triennial International Conference on Systems, Automatic Control and Measurements - SAUM 2010, Niš, Serbia (2010), and at the 12th Serbian Mathematical Congress, Novi Sad, Serbia (2008). He held visiting positions at numerous institutions worldwide: Hong Kong University of Science and Technology (HKUST), Department of Computer Science and Engineering (August 2013), St. Petersburg Department of Steklov Institute of Mathematics, Russia (October 2012), Institute of

Science and Technology Austria (April 2012), Institute of Automation, Chinese Academy of Sciences Beijing (November 2011), Tokyo Institute of Technology, Graduate School of Science and Engineering (Sept. 2007), University of Ottawa School of Information Technology and Engineering (Sept. 2006), IIMAS-UNAM, Ciudad Universitaria, Mexico City (May 2005), University of Auckland Department of Computer Science (Nov. - Dec. 2004), Ecole Normale Supérieure de Lyon Computer Science Department (April 2003), Cardiff University School of Computer Science (October 2000 - Oct. 2003), University of Auckland Department of Computer Science (Oct. 1998 - Jan. 1999), Computer and Automation Research Institute (MTA SZTAKI) Budapest (May 1997), Technische Universität Berlin (June 1995), Clarkson University Department of Electrical & Computer Engineering (Dec. 1993 - Jan. 1994), University of Ottawa School of Information Technology and Engineering (Sept. 1991), University of Helsinki School of Science and Technology (Sept. - Dec. 1989)

Žunić co-chaired (with Prof. R. Klette) the 10th International Workshop on Combinatorial Image Analysis (Auckland, New Zealand, 2004; Proceedings: Springer LNCS 3322) and co-organized The 13th British Machine Vision Conference (Cardiff, UK, 2002). He also served as an associate editor for Pattern Recognition (Elsevier) and was a member of the editorial board of the International Journal of Parallel, Emergent and Distributed Systems (Taylor & Francis, 2004–2011).

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