



Damir Magdić, PhD
Tenured professor

Basic data:

Damir Magdić - Tenured professor at Faculty of Food Technology, University of Osijek, Croatia; BSc degree in 1992 (University of Osijek, Croatia); MSc degree in 1999 (University of Zagreb, Croatia), PhD degree in 2003 (University of Zagreb, Croatia); Head of Sub-department of Modeling, Optimization and Automation (2005-2017); Vice Dean for Education (2005-2010, Creating, introducing and organizing Bologna reform process at one Pre-graduate and three Graduate Studies).

Teaching experience:

Undergraduate study (1999-2015)– Informatics, Physics, Technical physics, Thermodynamics;

Graduate study (1993-...)– Modeling and management in food technology processes, Modeling and optimization of processes, Diet Optimization by Computer Applying;

Postgraduate study (2005-...)– Diet modeling and optimization, Non-destructive methods of analysis of food and processes, Non-destructive methods of analysis of economic species.

Research experience:

Scientific area: Biotechnical sciences; Scientific field: Food Technology. Main subjects: modeling, simulation and optimization, chemometrics, non-destructive analysis, food materials and nutrition. Published 50+ scientific papers, participated with oral and poster presentations at 30+ international and national scientific congresses and conferences, mentor at 40+ graduate doctoral thesis.

Links on scientific papers: [Croatian National Bibliography](#), [Google Scholar](#)

Engagement in international and other types of projects:

Contributor to international scientific projects

- "Genetically diversity of gluten proteins and its relationship with wheat baking quality", Croatia-Serbia, 2011-2012
- "Higher Education Learning Partnerships (HELP)", TEMPUS Project No 144596, 2009-2012

Head and principal investigator of national scientific projects

- "Non-destructive methods in food production and storage", Ministry of Science, Education and Sport, Croatia (113-1130471-0592), 2007-2013

Contributor to national scientific projects

- "Heat transfer and thermal properties in food processing", Ministry of Science, Education and Sport, Croatia (113-1130471-0451), 2007-2013
- "CA systematic approach to the introduction of learning outcomes in higher education", Croatian Science Foundation, 2008-2009
- "Modeling and optimization of the process of freezing food", Ministry of Science and Technology, Croatia, (113008), 2002-2006
- "Improving the production of highly nutritious food", Ministry of Science and Technology, Croatia, (0113002), 1996-2002

Head of area projects

- "Inter laboratory comparisons ", Inspecto d.o.o. Đakovo, Croatia, February 1 - March 31, 2014
- „Increase of production capacity and franchise distribution of sauces and dough, consulting and preparation of project application materials “, NOBEL KLUB d.o.o. Zagreb, Croatia, 2014.
- "Microbiological analysis and recommendations for the preservation of pasta and sauces", NOBEL KLUB d.o.o. Zagreb, Croatia, May 10 – July 3, 2013

Contributor of area projects

- "Priority directions of investment in the agricultural complex in County Vukovarsko-Srijemska ", University of Zagreb, Faculty of Agriculture, Croatia, 1999

Professional positions and management:

- 2014-... Member of the Committee for Postgraduate Study "Nutrition" of the Faculty of Food Technology Osijek
- 2014-... Member of the committee for the Election to Scientific, Scientific-educational and Associate Titles of the Faculty of Food Technology Osijek
- 2005-... 38 graduate and doctoral thesis mentor
- 2005-2017... Chairman of the Sub Department for Modeling, Optimization and Automation at the Faculty of Food Technology Osijek
- 2009-2015 Member of the Commission for Erasmus mobility of the University of Osijek
- 2007-2013 Main researcher and project manager at the national scientific project
- 2005-2013 Member of the Ethical Commission of the Faculty of Food Technology Osijek
- 2005-2010 Vice Dean for Education (introduced Bologna reform process at Pre graduate and Graduate Studies)
- 2005-2010 Chairman of the: Board for Quality, Board for Pre graduate and Graduate Studies, Board for Graduate Thesis of the Faculty of Food Technology Osijek
- 2005-2010 Member of the Committee for Education and Human Resources of the University of Osijek

Membership of editorial boards

- Member of editorial boards of international scientific journals:
Croatian Journal of Food Science and Technology (CJFST), 2008-...
International Journal of Recent Research in Interdisciplinary Sciences (IJRRIS), 2017-...
International Journal of Nutrition and Food Sciences (IJNFS), 2014-...

Membership of organizing and scientific committees

- Honorable Organizing Committee Member for "5th world conference on Food Technology and Probiotics" in Porto, Portugal, October 19-20, 2020
- Member of the International Scientific Committee of the International Conference Water for All 2019, Osijek, Croatia, 2019
- Member of the Organizing Committee of the International Conference on Agricultural and Food Science & 7th International Conference on Biotechnology and Bioengineering, Lahore, Pakistan, 2017
- Member of the Scientific Organizing Committee of the International Congress "XIIIth Ružička days" Vukovar, Croatia, 2010
- Member of Scientific Organizing Committee of the 20th Croatian and 3rd International Congress of Technologists for Postharvest Technology, Stubičke Toplice, Croatia, 2008
- Member of the Organizing Committee of the International Congress "Flour-Bread '07" Opatija, Croatia, 2007
- Member of the Organizing Committee of the International Congress "Flour-Bread '99" Opatija, Croatia, 1999
- Member of the Organizing Committee of the International Congress "Flour-Bread '97" Opatija, Croatia, 1997

Membership of international committees

- Member of 10+ International Committees for the evaluation and accreditation of higher education institutions

Other:

- 2016. - Charter for a particular work and achievements in teaching, scientific and professional activities, University of Osijek Faculty of Food Technology Osijek
- 2000. CEEPUS scholarship – International expert exchange: *Image analysis in food technology*, Szent Istvan University Budapest, Hungary, February-March, 2000.