

## PERSONAL INFORMATION

## Krunoslav Puljić



📍 University of Zagreb Faculty of Economics & Business  
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Sex M | Date of birth 30/03/1976 | Nationality Croatian

## CURRENT POSITION

Assistant Professor at Department of Mathematics

## WORK EXPERIENCE

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2014- **Assistant Professor at Department of Mathematics**  
University of Zagreb, Faculty of Economics & Business

- Teaching: Mathematics, Linear Programming and Game Theory, Nonlinear Programming, Quantitative methods (Doctoral study programme)
- Research

[High education](#)

2012-2014 **Assistant Professor at Department of Mathematics, Statistics and Informatics**  
Juraj Dobrila University of Pula, Faculty of Economics and Tourism "Dr. Mijo Mirković"

- Teaching: Programming, Programming basics, Data structures and algorithms, Software engineering, Advanced programming techniques
- Research

[High education](#)

2000-2012 **Teaching Assistant at Department of Mathematics**  
University of Zagreb, Faculty of Science

- Teaching: Interpretation of programs, Artificial intelligence, Object programming, Computer lab 1, Computer lab 2, Computer lab 4, Soft computing, Decision theory, Programming (C), Data structures and algorithms, Computer networks, Database systems
- Research

[High education](#)

**EDUCATION**

**2004-2009 PhD in Mathematics**

University of Zagreb, Faculty of Science, Department of Mathematics

- Thesis: „Distributed evolutionary algorithms for the vehicle routing problem“, Advisor: Full professor Robert Manger

**1999-2004 MSc in Mathematics**

University of Zagreb, Faculty of Science, Department of Mathematics

- Thesis: „Evolutionary algorithms for the vehicle routing problem“, Advisor: Full professor Robert Manger

**1994-1999 BSc in Mathematics**

University of Zagreb, Faculty of Science, Department of Mathematics

- Thesis: „Data compression – Huffman coding“, Advisor: Goran Igalj, PhD

**PERSONAL SKILLS**

**Mother tongue(s)** Croatian

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					
Spanish	A2	A2	A2	A2	A2
Replace with name of language certificate. Enter level if known.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

**Communication skills** ▪ good communication skills gained through my experience as professor

**Organisational / managerial skills** ▪ organising and leadership: organising midterms for 1000 students and 100 courses

**Other skills** ▪ C++, SQL, Web programming, Latex, Microsoft Office

**ADDITIONAL INFORMATION**

- Projects**
- National project , 2007-2011: Distributed algorithms for finding optimal paths in graphs (037-0362980-2774). Project leader: Full professor Robert Manger. Researcher. Supported by the Croatian Ministry of Science, Education and Sports.
  - National project , 2002-2007: Cro Grid project, supported by the Croatian Ministry of Science and Technology. Researcher.
  - National project , 2002-2006: Distributed algorithms in combinatorial optimization (0037104). Project leader: Full professor Robert Manger. Researcher. Supported by the Croatian Ministry of Science and Technology.
  - National project, 2000-2001: Nonconventional computing in operations research (037010). Project leader: Full professor Robert Manger. Researcher. Supported by the Croatian Ministry of Science and Technology.

- Honours and awards**
- 1998, Scholarship of the City of Zagreb, City of Zagreb, Croatia
  - 1997, University of Zagreb scholarship, University of Zagreb, Croatia

## Memberships in professional association or bodies

- Croatian Operational Research Society

Journal editor roles  
(editor in chief, associate editor, guest editor, editorial board etc.)

- 2017-: Croatian Operational Research Review, CRORR, technical editor

## Researcher's profiles

- ORCID: <https://orcid.org/0000-0003-1461-2828>
- Google Scholar: <https://scholar.google.hr/citations?user=i1dzp0QAAAAAJ&hl=hr&oi=ao>
- ScopusID: <https://www.scopus.com/authid/detail.uri?authorId=14020138600>
- Full bibliography: <https://www.bib.irb.hr/pretraga/?q=Pulji%C4%87%2C+Krunoslav+%28267405%29&by=author>

## SELECTED BIBLIOGRAPHY

- Selection of 5 -10 prominent publications (excellence qualifications based on bibliometric's indicators, awards, recognized scientific, educational or public impact)
- Puljić, Krunoslav; Manger, Robert Comparison of eight evolutionary crossover operators for the vehicle routing problem. // Mathematical communications, 18 (2013), 2; 359-375 (international peer review, article, scholarly)
- Puljić, Krunoslav; Manger, Robert A distributed evolutionary algorithm with a superlinear speedup for solving the vehicle routing problem. // Computing and informatics, 31 (2012), 3; 675-692 (international peer review, article, scholarly)
- Puljić, Krunoslav An evolutionary algorithm based on repeated mutations for solving the capacitated vehicle routing problem. // CIT. Journal of computing and information technology, 20 (2012), 1; 51-58 (international peer review, article, scholarly)
- Manger, Robert; Puljić, Krunoslav Multilayer perceptrons and data compression. // Computing and Informatics, 26 (2007), 1; 45-62 (international peer review, article, scholarly)