



## PERSONAL INFORMATION

## Vedran Kojić



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Sex M | Date of birth 1985 | Croatian

## CURRENT POSITION

Assistant Professor at Department of Mathematics

## WORK EXPERIENCE

July 2018 -

## Assistant Professor

University of Zagreb, Faculty of Economics &amp; Business, Department of Mathematics

- Lectures and seminars: Matematika, Gospodarska matematika (in Croatian), Mathematical Economics, Dynamic Methods for Economics and Finance, Game Theory and Business (in English). Seminars: Mathematics for Business (in English).

## High Education

January 2017 – July 2018

## Postdoctoral Researcher

University of Zagreb, Faculty of Economics &amp; Business, Department of Mathematics

- Seminars: Mathematics (in Croatian), Mathematics for Business (in English). Lectures and seminars: Mathematical Economics (in English), Gospodarska matematika (in Croatian).

## High Education

February 2011 – January 2017

## Teaching and Research Assistant

University of Zagreb, Faculty of Economics &amp; Business, Department of Mathematics

- Seminars: Mathematics (in Croatian), Mathematics for Business (in English), Game Theory (in Croatian).

## High Education

## EDUCATION

October 2012 – October 2016

## Postgraduate (doctoral) Programme Business Economics

University of Zagreb, Faculty of Economics &amp; Business

- Field: quantitative economics, qualification: PhD
- PhD thesis: "Optimization and Analysis of Selected Economic Problems Without the Use of Differential Calculus", supervisor: Full Professor Zrinka Lukač, PhD

February 2011 – May 2013

## University Specialist Postgraduate Study Programme Financial Analysis

University of Zagreb, Faculty of Economics &amp; Business

- Financial analysis, Portfolio management, qualification: univ. spec. oec.
- Thesis: "Comparison of Qualitative and Quantitative Approaches in Solving the Problems of System Dynamics", supervisor: Full Professor Zrinka Lukač, PhD

October 2004 – May 2010

## Undergraduate University Programme in Mathematics

University of Zagreb, Faculty of Science, Department of Mathematics

- Undergraduate thesis: "Ortonormirani valići" (in English "Ortonormal Wavelets"), adviser: Full Professor Damir Bakić, PhD

## TRAINING

- March 2020** Scopus Workshop - increase your visibility!, Faculty of Economics and Business, University of Zagreb, Presented by Kate Kryszczuk, Research Intelligence Customer Consultant
- July 2019** Data envelopment analysis workshop; organizer: Croatian Operational Research Society, Croatia
- April 2019** Srce DEI 2019: "Povezivanje, komunikacija, suradnja"
- June 2015** Neural networks for prediction and classification, Faculty of Economics & Business, University of Zagreb, lecturers: Marijana Zekić sušac, PhD, and Adela Has
- June 2015** Applied econometric course – 7<sup>th</sup> generation, Faculty of Economics & Business, University of Zagreb, lecturer: Robert J. Sonora, PhD (Fort Lewis College, USA)
- February – May 2014** Guest researcher, Department of Mathematical economics, finance and actuarial sciences of the Universitat de Barcelona (supervisor: Jorge Navas Rodenes, 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

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

**Communication skills** ▪ Good communication and presentation skills obtained in teaching lectures and seminars, and presenting at the academic conferences

**Organisational / managerial skills** ▪ Organising terms

**Computing skills** MS Office, LaTeX

## ADDITIONAL INFORMATION

### Projects

- Project of Croatian Ministry of Science and Education: Popularization of Science 2019, Economics problems under the magnifier: ask the quants, project member
- University project, September 2018 – December 2018, “Mathematical models and methods in decision making of economic agents”, project leader: Zrinka Lukač, project member
- University project, September 2017 – December 2017, “Mathematical models and methods in decision making of economic agents”, project leader: Zrinka Lukač, project member
- University project, September 2016 – December 2016, “Non-financial reporting in hotel enterprises in Croatia”, project leader: Nidžara Osmanagić Bedenik, project member
- University project, September 2015 – December 2015, “Non-financial Reporting The Challenge of Sustainable Business”, project leader: Nidžara Osmanagić Bedenik, project member
- Project of Croatian Ministry of Education and Sport, 2011 – 2014, “Models and Methods of Operational Research in Economics and Business Decision Making”, project leaders: Luka Neralić (2011-2014), Zrinka Lukač (2014), project member

### Honours and awards

- 2019, Award Ljubomir Martić for scientific article “An alternative approach to solving cost minimization problem with Cobb-Douglas technology” (co-author Zrinka Lukač), Faculty of Economics & Business, University of Zagreb
- 2017, Award for outstanding results in conducting seminar classes in academic year 2016/2017 at the Bachelor Degree in Business studies at the Faculty of Economics & Business, University of Zagreb
- 2016, Award Mijo Mirković for independent scientific article “Solving the consumer’s utility-maximization problem with CES and Cobb-Douglas utility function via mathematical inequalities”, Faculty of Economics & Business, University of Zagreb
- 2014, Award Mijo Mirković for co-authorship for university textbook “Selected chapters of mathematical economics”, Faculty of Economics & Business, University of Zagreb

### University services

- Secretary of Seminar for Mathematical Programming and Game Theory

### Membership in professional association and bodies

- 2011 – Croatian Operational Research Society

### Journal editor role

- Member of the Editorial Board of Croatian Operational Research Review
- Member of the Editorial Board of Croatian Review of Economics, Business and Social Statistics

### Prominent conferences

- 2018, 17<sup>th</sup> International Conference on Operational Research KOI2018, organizing committees
- 2020, 18<sup>th</sup> International Conference on Operational Research KOI2020, organizing committees

### Selected talks

- July 2018: *Solving Profit Maximization Problems by Using Geometric Programming*, Mathematical programming and game theory seminar, Faculty of Economics & Business – Zagreb
- September 2017: *Mathematical Modelling of Relationship Between Sustainable Profit and Sustainable Business in Croatian Enterprises*, Mathematical programming and game theory seminar, Faculty of Economics & Business – Zagreb
- October 2016: *Optimization and Analysis of Selected Economic Problems Without the Use of Differential Calculus*, Mathematical programming and game theory seminar, Faculty of Economics & Business – Zagreb
- May 2018: *Applying Mathematical Inequalities to Optimizing Some Economic Problems*, Mathematical programming and game theory seminar, Faculty of Economics & Business – Zagreb

## BIBLIOGRAPHY

### Research profiles

[Google Scholar profile](#)

[ScopusID profile](#)

[CROSBI profile](#)

