



## KRUNOSLAV TRŽEC, PhD

(2026)

### CONTACT

Institute of Public Finance  
Smičiklasova 21  
10000 Zagreb, Croatia  
Tel. (+385 1) 2226 804  
E-mail: krunoslav.trzec@ijf.hr

### FIELDS OF INTEREST

sustainable development; digital economy; design and analysis of electronic markets; agent-based quantitative methods/simulations

### PRESENT POSITION

Research Associate, Institute of Public Finance, Zagreb

### ACADEMIC EDUCATION

2005 Faculty of Electrical Engineering and Computing, University of Zagreb, PhD  
1999 Faculty of Electrical Engineering and Computing, University of Zagreb, MSc  
1996 Faculty of Electrical Engineering and Computing, University of Zagreb, MEng

### PROFESSIONAL EXPERIENCE

since 2026 Research Associate, Institute of Public Finance, Zagreb  
2025 – 2026 Solution Architect, Eviden d.o.o.  
2020 – 2025 Postdoc, Faculty of Electrical Engineering and Computing, University of Zagreb  
2009 – 2020 Operational Development Program Manager, Ericsson Nikola Tesla d.d.  
2004 – 2009 Research Project Manager, Ericsson Nikola Tesla d.d.  
2002 – 2004 Solution Architect, Ericsson Nikola Tesla d.d.  
1997 – 2002 Software Engineer, Ericsson Nikola Tesla d.d.

### EDUCATION AND RESEARCH ABROAD

2016 Energy Management System according to ISO 50001:2011 and Internal Audit seminar, Cro Cert d.o.o.; Zagreb, Croatia, April 29  
2014 Smart Workflows: A Knowledge Engineering Approach, The 14th Ericsson Nikola Tesla Summer Camp; Zagreb, Croatia, July 14 – September 12  
2014 How will we manage quality from 2015? (Review of the revision of the ISO 9001:2008 standard), Oskar - Centar za razvoj i kvalitetu d.o.o.; Zagreb, Croatia, February 19  
2014 Socially Responsible Business and the ISO 9001:2015 Standard seminar, Cro Cert d.o.o.; Zagreb, Croatia, February 13  
2013 Lean Workshop – Introduction to Lean, Qualitas d.o.o.; Zagreb, Croatia, November 21  
2013 Information Risk Management according to ISO 27005 seminar, Napredni poslovni sustavi d.o.o.; Zagreb, Croatia, February 20

- 2012 Internal QMS Auditor Training Course (based on ISO 9001:2008), Lloyd's Register Group Limited; Zagreb, Croatia, November 15 – 16
- 2011 Excellence to success in a crisis environment (Seminar within the ILBA 12 module - Business Excellence), ILBA akademija; Zagreb, Croatia, July 12
- 2011 Interni Auditor ISO 13485:2003 seminar, Det Norske Veritas Adriatica d.o.o.; Zagreb, Croatia, June 8 – 9
- 2011 Combined Information Security Management Systems Foundation and Internal Auditor course, CS Computer Systems d.o.o.; Zagreb, Croatia, March 28 – 30
- 2008 Advanced networks and services for the information society, 1st Scientific Program Workshop, Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering Osijek; Osijek, Croatia, June 5
- 2001 Object Oriented Design and Analysis with the UML course, Rational University; Brussels, Belgium, October 22 – 25
- 1997 PROPS Project Planning, Project Management Training, Ericsson Infocom; Zagreb, Croatia, June 10 – 12

## LANGUAGES

English

## SCHOLARSHIPS AND AWARDS

University of Zagreb Faculty of Electrical Engineering and Computing recognition award „Josip Lončar“ for exemplary accomplishment in the 4th year of study (1996)

Ericsson Nikola Tesla scholarship (1994 – 1996)

## OTHER PROFESSIONAL ACTIVITIES

Chair of the IEEE Technology and Engineering Management Society, Croatia Chapter (2020 – 2023)

Taught university course „Software Agents for Electronic Market“ at Postgraduate Doctoral Study Program at Faculty of Electrical Engineering and Computing, University of Zagreb (2008 – 2019)

Vice Chair of the IEEE Communications Society, Croatia Chapter (2005 – 2007)

## RESEARCHER AND COLLABORATOR ON RESEARCH PROJECTS

Modeling and Monitoring of Quality of Experience in Immersive Multimedia Services in 5G Networks (Q-MERSIVE), Croatian Science Foundation, Postdoctoral Researcher (2023 – 2025)

An Ecosystem of Networked Devices and Services for IoT Solutions Applied in Agriculture (IoT-field), European Regional Development Fund, Postdoctoral Researcher (2021 – 2022)

## CONFERENCES, LECTURES AND PRESENTATIONS

Presenation „Building an Interoperable IoT Ecosystem for Data-Driven Agriculture“ on 5th International Conference on Smart Systems and Technologies (SST 2022), Osijek, Croatia, October 19 – 21, 2022

Presenation „Governance Model of the Company's Social Capital in Business Strategy Execution“ on 15th Croatian Quality Conference and 6th Scientific Conference of the Croatian Society for Quality, Primošten, Croatia, May 7 – 9, 2015

Presentation „Field-Based Coordination of Mobile Intelligent Agents: An Evolutionary Game Theoretic Analysis“ on 11th International Conference on Knowledge-Based Intelligent Information and Engineering Systems (KES 2007), Vietri sul Mare, Italy, September 12 – 14, 2007

Presentation „An Agent-Mediated Electronic Market of Semantic Web Services“ on International Workshop on Business Agents and the Semantic Web (BASeWEB 2006), Hakodate, Japan, May 8, 2006

Presentation „Modelling Behaviour of Trading Agents in Electronic Market for Communication Resources“ on 2nd Networking and Electronic Commerce Research Conference (NAEC 2006), Riva del Garda, Italy, October 19 – 22, 2006

Presentation „Agent Behaviour in Double Auction Electronic Market for Communication Resources“ on 10th International Conference on Knowledge-Based Intelligent Information and Engineering Systems (KES 2006), Bournemouth, UK, October 9 – 11, 2006

Presentation „Agent-Based Automated Negotiation of Service Level Agreements in Electronic Market for Multimedia Services“ on 27th International Convention MIPRO, Opatija, Croatia, May 24 – 28, 2004

Presentation „Intelligent Agents for QoS Management“ on 1st International Joint Conference on Autonomous Agents & Multiagent Systems (AAMAS 2002), Bologna, Italy, July 15 – 19, 2002