

PERSONAL INFORMATION

Pejić-Bach / Mirjana



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Sex Female Date of birth 09/02/1971 Nationality Croatian

CURRENT POSITION

Tenure Professor, Department for Information Sciences

WORK EXPERIENCE

May,2015 -

Tenure Professor at Department for Information Sciences

Faculty of Economics & Business, Zagreb Trg J. F. Kennedyja 6, Croatia

- Leading scientific projects, teaching Informatics and Knowledge discovery in databases, research capabilities of information technologies, system dynamics working with assistants, graduate and doctoral students.

Sector: Higher education

May, 2010 - 2015

Full Professor at Department for Information Sciences

Faculty of Economics & Business, Zagreb Trg J. F. Kennedyja 6, Croatia

- Teaching informatics and knowledge discovery in databases, research capabilities of information technologies, system dynamics and simulation games

Sector: Higher education

2006 - May, 2010

Associate Profesor at Department for Information Sciences

Faculty of Economics & Business, Zagreb Trg J. F. Kennedyja 6, Croatia

- Teaching Informatics and Knowledge discovery in databases, research capabilities of information technologies, system dynamics and knowledge discovery in databases in business and economics, conducting research projects, working with assistants, graduate and doctoral students.

Sector: Higher education

2003 – 2006

Associate at Department for Information Sciences

Faculty of Economics & Business, Zagreb Trg J. F. Kennedyja 6, Croatia

- Teaching Informatics and Knowledge discovery in databases, research capabilities of information technologies, system dynamics and knowledge discovery in databases in business and economics

Sector: Higher education

1998 – 2003

Assistant at Department for Information Sciences

Faculty of Economics & Business, Zagreb Trg J. F. Kennedyja 6, Croatia

- Teaching Informatics, research capabilities of information technologies and system dynamics in business and economics.

Sector: Higher education

- 1994 – 1998 **Assistant at Department for Statistics**
Faculty of Economics & Business, Zagreb Trg J. F. Kennedyja 6, Croatia
- Teaching Statistics, Quantitative methods for business decision-making and Business forecasting, researching the possibilities of applying statistical methods in business and economics
- Sector: Higher education
- 1993 – 1994 **Professor of Informatics**
Faculty of Economics & Business, Zagreb Trg J. F. Kennedyja 6, Croatia
- Teaching Informatics and programming language Pascal
- Sector: Secondary education

EDUCATION

- 2003 **Doctor of Science**
Faculty of Economics & Business, Zagreb
- Dissertation Title: "Modelling the management of the business method of system dynamics"
- Guided Study Program in System Dynamics**
Sloan School of Management, MIT, USA
- System dynamics modelling guided course
- 1997 **Master of Science**
Faculty of Economics & Business, Zagreb, **Master course** 'Organization and Management'
- Title thesis: "Selected methods of decision-making on investment in bonds"
- 1996 **Master Specialist**
Faculty of Economics & Business, Zagreb, **Master course** 'Corporate governance', MBA
- Title thesis: "Application of Bayesian methods in deciding to extend the energy capacity of Croatian"
- 1993 **BSc, Major Economics cybernetics**
Faculty of Economics & Business, Zagreb
- BSc, Major Economics cybernetics
- 1993 **BSc, Major Finance, banking and insurance**
Faculty of Economics & Business, Zagreb
- BSc, Major Finance, banking and insurance

TRAINING

- 2014-2015 Research & Development, Evaluator for Horizon 2020 for following programmes: SME-ICT Disruptive projects, Fast Track Innovation, ICT-16-Big Data; more than 100 evaluations, Research European Agency, Bruxelles, Netherlands
- 2010 Mobility within the Erasmus program, University of Economics - Prague
- 2002 EU Projects Management, BIT Bureau for International Research and Technology Cooperation, Vienna, Austria
- 1999 System Dynamics, Sloan School of Management, Cambridge, USA, Zagreb, e-learning

PERSONAL SKILLS

Mother tongue(s)	Croatian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Excellent	Excellent	Excellent	Excellent	Very good
German	Good	Good	Good	Good	Good
Italian	Good	Good	Very good	Very good	Good
Communication skills	▪ Good cooperation, willingness to help, teamwork, focus on agreement				
Organisational / managerial skills	▪ Project management, project evaluation, cooperation with entrepreneurs, conference organizing, journal editing, mentoring				
Other skills	▪ Computer skills and competences: MS Office, Vensim, Weka, big data and data mining related skills				

ADDITIONAL INFORMATION

- Projects**
- Coordinator of the project DINNOCA financed by the FP7 project 'Data without boundaries' (2012-current)
 - Coordinator for Croatia for FP7-ICTSME project 'Methodology and supporting toolset advancing embedded systems quality' (2010-current)
 - Erasmus teaching staff mobility program at University of Economics (Prague, Czech Republic) (2009/2010)
 - Erasmus teaching staff mobility program at Faculty of Engineering of the University of Porto (Porto, Portugal) (2010/2011)
 - Main research of the Research support project University of Zagreb "The role of knowledge discovery in data bases for increasing competitiveness of organizations" (2013-214)
 - Main researcher of the bilateral Croatian-Montenegro project "Intelligent systems and innovations in tourism" funded by Croatian Ministry of Science (2013-2014)
 - Main researcher of the research project 'Intelligent tools for controllership, accounting and management' (2007-) funded by Croatian Ministry of Science
 - Researcher of the research project 'Decision support methods and models' (2002-2006) funded from the Croatian Ministry of Science
 - Researcher of the research project 'Modeling and Simulation in Business' (1997-1999) funded from the Croatian Ministry of Science
 - Main researcher of the research project for young scientists 'Modeling Forecasting Sales System' (1997-1999) funded from the Croatian Ministry of Science
 - Research Collaborator of 'Survey of Student Attitudes about Gender, Work and Family'
 - Member of the WWW site development project 'Croatian Business Information Center' funded from the Croatian Ministry of Science
 - Researcher at the several projects at the Puls, agency for public opinion and marketing research (1998-)

Honours and awards

- Award "Mijo Mirkovic" for scholarly work that represents an exceptional scientific contribution: "Exploring Information and Communications Technology Adoption in Enterprises and its Impact on Innovation Performance of European Countries, Ekonomický časopis Vol. 4; pp. 335-362 (2014)
- Emerald Literati Network, 2013 Highly Commended Paper Award za članak: T., Pejić Bach, M., Bosilj Vukšić, V. (2013). "Influence of strategic approach to BPM on financial and non-financial performance", Baltic Journal of Management, Vol. 7, No. 2, pp.376 - 396.
- Award "Mijo Mirkovic" for scholarly work that represents an exceptional scientific contribution: 'Surviving in an Environment of Financial Indiscipline', System Dynamics Review, Volume 19, Issue 1, 47-74. (2003)
- The award for best graduate thesis- Faculty of Economics & Business, University of Zagreb (1993); Topic: 'An application of Bayesian methods of decision-making'
- The award for best student - Faculty of Economics & Business, University of Zagreb (1992)

Public and university services

- President of non-profit organization Society for Advancing Innovation and Research in Economy (2015-today)

Memberships in professional association or bodies

- Member of the Operational Research Society, United Kingdom (2012-)
- Member of System Dynamics Society (1998-)
- Member of Croatian Society for Simulation Modelling (CROSSIM) (1997-)
- Member of Croatian Operational Research Society (1993-)

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

- Editor-in-chief of the journal IJESMA (2018-today); Indexed in Scopus
- Editor-in-chief of the journal Business Systems Research Journal (2010-today); Indexed in Scopus and ESCI-WoS
- Chief editor of the Web sites of the Zagreb Faculty of Economics (2006-2010) with 400 users
- Member of Editorial Board Proceedings of Zagreb Faculty of Economics (2006-today)
- Member of Editorial Review Board - Computer Sciences - Scientific Journals International (2007-today)
- Member of Editorial Review Board of "Informing Science" International Journal of Informing Discipline (2006-today)
- Member of the Editorial Board of Interdisciplinary Description of Complex Systems - INDECS (2007-today)
- Member of the Editorial Review Board of the International Journal of E-Services and Mobile Applications (IJESMA).

Prominent conferences
(program, organizing, scientific
etc. committees)

- Scientific committee member of AUEIRC2017, Dubai, November 15-16, 2017
- Program committee member of 8th International Conference on Information Society and Technology (ICIST 2018), Kopaonik, Serbia
- Program committee member of ICEIS 2018 - "20th International Conference on Enterprise Information Systems", Funchal, Madeira, Portugal, 21-24, March
- Program committee member of 2nd "SmartBlueCity" Euro-Mediterranean Conference 28-29 September 2017, Heraklion-Crete
- Program committee member of ProjMAN – International Conference on Project Management, Barcelona, Spain, 2017
- Program committee member of ProjMAN – International Conference on Project Management, North Region, Portugal, 2016
- Member of technical program committee for the The 4th International Conference on Software Engineering & Computer Systems 2015, Malaysia, 19 Aug - 21 Aug 2015
- Member of technical program committee for the First International Conference on Computing in Mechanical Engineering (ICCME'15), August 10-13, 2015, Kochi, India

- Program committee member of 12th International Conference on e-Commerce and Digital Marketing 2015 Las Palmas de Gran Canaria, Spain, 21 - 23 July 2015
- Program committee member of ProjMAN – International Conference on Project Management, Vilamoura, Portugal, 7-9, October 2015

Researcher's profiles

ORCID: <http://orcid.org/0000-0003-3899-6707>Google Scholar: <https://scholar.google.hr/citations?user=r4WNZa0AAAAJ&hl=hr>Full bibliography: <http://bib.irb.hr/lista-radova?autor=213892>

SELECTED BIBLIOGRAPHY

Mirjana Pejić-Bach has published over 140 publications in scientific journals, conference proceedings and books. Author of numerous articles in international refereed journals (Baltic Journal of Management, British Food Journal, International Journal of Entrepreneurship and Innovation Management, International Journal of Innovation Management, Post-Communist Economies, System Dynamics Review, Acta Turistica, Zagreb Business Review, Journal of Information and Organizational Sciences, Sex Roles, Cross-Cultural Research) cited in international scientific databases: SCI, SSCI, Current Contents (CC), INSPEC, Cambridge Journals Online, EconLit, ERIH+.

Selected publications are:

- Pavić Kramarić, Tomislava; Pejić Bach, Mirjana; Dumičić, Ksenija; Žmuk, Berislav; Mihelja Žaja, Maja (2017). Exploratory study of insurance companies in selected post-transition countries: Non-hierarchical cluster analysis // Central European journal of operations research (Accepted for publication, 2017)
- Pejić Bach, Mirjana; Zoroja, Jovana; Čeljo, Amer An extension of the technology acceptance model for business intelligence systems: project management maturity perspective. // International Journal of Information Systems and Project Management, 5 (2017), 2; 5-21. doi:10.12821/ijispm050201
- Pejić Bach, Mirjana Exploring Information and Communications Technology Adoption in Enterprises and its Impact on Innovation Performance of European Countries. // Ekonomický časopis, 62 (2014), 4; 335-362
- Pejić Bach, Mirjana; Omazić, Mislav Ante; Zoroja, Jovana Transparency as a Precondition of Systemic Behavior : the Case of European Retailing Banks Regarding Social Responsibility Communication. // Systems research and behavioral science, 32 (2014), 2; 256-264. doi:10.1002/sres.2267
- Pejić Bach, Mirjana; Zoroja, Jovana; Merkač Skok, Marjana Social responsibility in tourism: System archetypes approach. // Kybernetes, 42 (2014), 3/4; 587-600. doi:10.1108/K-09-2013-0195
- Roblek, Vasja; Pejić Bach, Mirjana; Meško, Maja; Bartoncelj, Andrej The impact of social media to value added in knowledge-based industries. // Kybernetes, 42 (2013), 4; 554-568. doi:10.1108/K-01-2013-0014
- Bosilj Vukšić, Vesna; Pejić Bach, Mirjana; Popović, Aleš Supporting Performance Management with Business Process Management and Business Intelligence: a case analysis of integration and orchestration. // International journal of information management, 33 (2013), 4; 613-619. doi:10.1016/j.ijinfomgt.2013.03.008
- Hernaus, Tomislav; Pejić Bach, Mirjana; Bosilj Vukšić, Vesna Influence of strategic approach to BPM on financial and non-financial performance. // Baltic Journal of Management, 7 (2012), 4; 376-396
- Knežević, Blaženka; Renko, Sanda; Peiç Bach, Mirjana Web as a customer communication channel in the confectionery industry in South Eastern European countries. // British food journal, 113 (2011) 17-36. doi:10.1108/00070701111097312
- Pejić Bach, Mirjana; Ćosić, Dijana Data mining usage in health care management: literature survey and decision tree application. // Medicinski glasnik, 5 (2008), 1; 57-64
- Pejić-Bach, Mirjana Surviving in an environment of financial indiscipline: a case study from a transition country. // System Dynamics Review, 19 (2003), 1; 47-74. doi:10.1002/sdr.253