

**PERSONAL INFORMATION** **Mario Spremić**

**WORK EXPERIENCE**

- 2011–Present **Full Professor, (tenured from 2015), Department of Informatics**  
Faculty of Economics and Business, University of Zagreb (Croatia)
  
- 2008–Present **Programme director (Bachelor Degree in Business), ECTS coordinator, Head of Accrediation Committee**  
Faculty of Economics and Business, University of Zagreb (Croatia)
  
- 2007–2011 **Associate Professor, Department of Department of Informatics**  
Faculty of Economics and Business, University of Zagreb (Croatia)
  
- 2003–2007 **Assistant Professor, Department of Informatics**  
Faculty of Economics and Business, University of Zagreb (Croatia)
  
- 2000–2003 **Teaching and research assistant, Department of Informatics**  
Faculty of Economics and Business, University of Zagreb (Croatia)
  
- 1995–2000 **Computer programmer, system analyst, project manager**  
Ledo d.d., Zagreb (Croatia)

**EDUCATION AND TRAINING**

- 2002 **PhD in Business**  
Faculty of Economics and Business, University of Zagreb (Croatia)
  
- 1997–1999 **MSc ICT Management**  
Faculty of Economics and Business, University of Zagreb (Croatia)
  
- 1990–1995 **BSc Mathematics**  
Faculty of Nature Sciences and Mathematics, University of Zagreb (Croatia)

**PERSONAL SKILLS**

**Organisational / managerial skills** Managerial and leadership skills, project management, project evaluation, cooperation with entrepreneurs, conference organizing, journal editing, mentoring

**Digital competence**

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Excellent	Excellent	Excellent	Excellent	Excellent

## ADDITIONAL INFORMATION

### Teaching

Undergraduate and graduate study on the Faculty of Economics and Business, University of Zagreb; courses: Informatics, Enterprise Information Systems, Information system security, Information Management, e-Business, ICT Management, Information System Auditing

Postgraduate study at the Faculty of Economics and Business, University of Zagreb:

- *PGS Information Management, obligatory course 'Strategic ICT Management', elective "Web design and metrics", "Information System Auditing."*

- *PGS Insurance and reinsurance, course 'Information system managing and auditing'*

- *PGS MBA, course 'Business and Informatics strategic alignment'*

- PGS Business Marketing, course "Internet and Business Networks"

Postgraduate study at the Faculty of Electrical Engineering and Computing:

- PGS Information security, course "Information System Security and Auditing"

Postgraduate study at the Faculty of Organisation and Informatics:

- PGS Business System Management, course "ICT Governance"

Visiting professor at University of Ljubljana, Faculty of Economics and at University of Sarajevo, School of Economics

Guest lecturer at Imperial College London

### Additional education, memberships

EFMD (European Foundation for Management Development), Vienna University (WU) (2010), Westminster Business School, University of Westminster, London UK (2011), Harvard University, MIT Sloan School of Management, USA (2011), Tech City London and University of Reading, Henley Business School (2012-2014), University of Edinburgh Business School (2016), LUISS Business School, Rim (2016), Imperial College Business School, London UK (2016), MIT Sloan School of Management (2018, executive education), TUM Munich (2018)

ISACA (Information System Audit and Control Association) – Board member of ISACA Croatian Chapter

Croatian Audit Chamber – member of the Committee for Education and member of the Committee for gaining certified auditor title (national level)

Member of editorial board - International Journal on IT/Business Alignment and Governance

Member of editorial board - International Journal of E-Business Research

Member of editorial board - WSEAS Transactions on Information Science and Applications

Member of editorial board and reviewer at international scientific conferences (An Enterprise Odyssey, Mediterranean Conference on Information Systems, IARIA International Conference on Digital Society, IADIS International Conference on e-Commerce, ICE-B International Conference on e-Business, ICETE International Conference on e-Business and Telecommunications, SECUREPT International Conference on Security and Cryptography, etc.)

### Awards and honours

- Certificate in Governance of Enterprise IT (CGEIT), ISACA's certificate (2008-now)
- Award for best paper on the World Congress on Engineering, International Conference of Information Security and Internet Engineering, for the scientific paper Holistic approach for governing information system security, London, UK. (2013)
- Scientific award 'dr. Mijo Mirković' for a book 'Corporate governance and information system audit' (2007)

### Papers

Over 150 publications in scientific journals, author or co-author of 10 books, participation in over 50 international conferences.

Selected publications:

- Susa Vugec, D., Spremic, M., Pejic Bach. M (2017): IT governance adoption in banking

- and insurance sector: longitudinal case study of COBIT use International Journal for Quality Research 11(3) 691–716.
- Spremić, M. (2017): Governing Digital Technology – how Mature IT Governance can help in Digital Transformation?. *International Journal of Economics and Management Systems*, **2**, 214-223.
  - Hajdarevic, K., Allen, P., Spremic, M. (2016): Proactive security metrics for Bring Your Own Device (BYOD) in ISO 27001 supported environments, Telecommunications Forum (TELFOR), 2016 24th, IEEEExplore, 2016, pp. 41-44.
  - Spremić, M. (2015): Corporate Governance of Enterprise IT: Research Study on IT Governance Maturity, International Scholarly and Scientific Research & Innovation Vol:9, No:9, 2015, pp 2963-2967.
  - Spremić, M. (2013): Holistic approach to governing information system security, Lecture Notes in Engineering and Computer Science, Volume 2 LNECS, 2013, Pages 1242-1247.
  - Spremić, M., Bajgorić, N., Turulja, L. (2013): Implementation of IT governance standards and business continuity management in transition economies: The case of banking sector in Croatia and Bosnia-Herzegovina, *Ekonomika istraživanja – Economic research*, Volume 26, Issue 1, pp. 183 – 202.
  - Spremić, M. (2012): Measuring IT Governance Performance: A Research Study on CobiT- Based Regulation Framework Usage, International Journal of Mathematics and Computers in Simulation, Volume 1, Issue 6, pp. 17-25, ISSN: 1998-0159.
  - Spremić, M., Jaković, B., Pejić Bach M., (2008): Web Metrics for Managing Quality and Auditing Croatian Hotel Websites – Cluster Analysis, WSEAS Transaction on Systems, Issue 3, Volume 7, March 2008, ISSN: 1109-2777, pp. 229-238.
  - Spremić, M., Strugar, I., (2009): Towards a framework for hotel website evaluation, International Journal Of Applied Mathematics And Informatics, Issue 1, Volume 2, pp. 28-36, University Press.
  - Spremić, M. (2009): IT Governance Mechanisms in Managing IT Business Value, WSEAS Transactions on Information Science and Applications, Issue 6, Volume 6, June 2009, pp. 906-915, ISSN: 1790-0832, WSEAS Publishing.
  - Spremić, M., Popović, M. (2008): Emerging issues in IT Governance: implementing the corporate IT risks management model, WSEAS Transaction on Systems, Issue 3, Volume 7, March 2008, ISSN: 1109-2777, pp. 219-228.
  - Spremić, M., Hlupić, V., (2007): Development of e-Commerce in Croatia: A Survey, International Journal of Information Technology for Development, Volume 13, Issue 4, Autumn (Fall), pp. 391-409.
  - Bosilj Vukšić, V., Spremić, M., (2005): ERP System Implementation and Business Process Change: Case Study of Croatian Pharmaceutical Company, *Journal of Computer and Information Technology – CIT*, Vol. 13, No. 1, March 2005, pp. 11-24.
  - Groznić, A., Kovačić, A., Spremić, M., (2003): Do IT Investments Have a Real Business Value?, *Applied Informatics*, No. 4, 2003, pp. 180-189.
  - Spremić, M., Strugar, I. (2002): Strategic Information System Planning in Croatia: Organizational and Managerial Challenges, *International Journal of Accounting Information Systems*, Vol. 3, Num. 3, pp. 183-200.

Most recent books and books chapters:

- Susa Vugec, D., Spremic, M., Pejic Bach. M (2017): IT governance adoption in banking and insurance sector: longitudinal case study of COBIT use International Journal for Quality Research 11(3) 691–716.
- Spremić, M. (2017): Governing Digital Technology – how Mature IT Governance can help in Digital Transformation?. *International Journal of Economics and Management Systems*, **2**, 214-223.
- Hajdarevic, K., Allen, P., Spremic, M. (2016): Proactive security metrics for Bring Your Own Device (BYOD) in ISO 27001 supported environments, Telecommunications Forum (TELFOR), 2016 24th, IEEEExplore, 2016, pp. 41-44.
- Spremić, M. (2016): Utjecaj informacijskog sustava na konkurentnost, Strategije pozicioniranja informacijskih sustava u poslovanju, Organizacija informacijskog sustava, Kvaliteta i sigurnost informacijskog sustava, poglavlja u knjizi Informacijski sustavi u poslovanju (sveučilišni udžbenik), urednici M. Varga, I. Strugar, Element, 2016.
- Spremić, M. (2013): Exploratory Study on the IT Governance Usage in Leading Croatian Companies, Recent Advances in Information Science, WSEAS Press. 2013, 54-59. Athens, Greece. ISBN: 978-960-474-304-9.
- Spremić, M. (2012): Governing Information System Security: Review of Approaches to Information System Security Assurance and Auditing, Latest Trends in Applied Informatics and Computing, WSEAS Press. 2012, 42-47. Athens, Greece. ISBN: 978-1-61804-130-2.

Spremić, M. (2010): Strateško upravljanje poslovnim informacijskih sustavima, poglavlje u knjizi Poslovni informacijski sustavi (sveučilišni udžbenik), urednici Ž. Panian, K. Čurko, Element, 2010.

Spremić, M. (2009): IT Governance and IT Risk Management Principles And Methods For Supporting "Always-On" Enterprise Information Systems, in a book *Always-On Enterprise Information Systems for Business Continuation: Technologies for Reliable and Scalable Operation*, IGI Publishing, ISBN: 978-1-60566-723-2, edited by Bajgoric, Nijaz.

Panian, Ž., Spremić, M. (2007): Korporativno upravljanje i revizija informacijskih sustava, Zgombić i partneri, Zagreb.

Most recent international conference presentations:

Spremić, M. (2015): Corporate Governance of Enterprise IT: Research Study on IT Governance Maturity, *Proceedings of 17th International Conference on Economy, Management and Marketing*, Berlin, September, 14-15, 2015, pp. 322-328.

Spremić, M. (2014): Considering IT governance mechanisms in Business Continuity Management, *Proceedings of the 7th International Conference 'An Enterprise Odyssey'*, Zadar, June 10-13, 2014, pp. 732-38

Spremić, M. (2013): Exploratory Study on the IT Governance Usage in Leading Croatian Companies, *Proceedings of the European Computing Conference (ECC '13)*, WSEAS Press. 2013, 15-21. Athens, Greece.

Spremić, M. (2013): Holistic approach to governing information system security, *Proceedings of the World Congress on Engineering 2013*, Vol II, WCE 2013, July 3 - 5, 2013, London, UK, IAENG (International Association of Engineers), Hong Kong, China pp 1242-47

Spremić, M. (2012): Corporate IT Risk Management Model: a Holistic view at Managing Information System Security Risks, *Proceedings of the 34rd International Conference on Information Technology Interfaces (ITI)*, Cavtat, June 25-38, 2012, pp. 299-304.

**Projects** More than 100 academic and consultant projects in the field of ICT implications in various industries (finances, production, hospitality industry, ministries, etc.) in Croatia and in other countries.  
Experienced ICT project manager  
Experienced IT auditor, leading more than 50 IS security and IT audit projects in various industries.

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