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Full Professor Mario Spremić, Ph. D.
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Mario Spremić is a Full Professor (tenured) and programme director at the Department of Informatics, Faculty of Economics & Business, University of Zagreb, Croatia and guest lecturer or visiting professor at some international institutions (Imperial College London, Faculty of Economics, University of Ljubljana, Shanghai University of International Business and Economics, New York University in Prague). He received a B.Sc. in Mathematical Sciences (in 1996.), M.Sc. in IT Management (in 1999.) and Ph.D. (in 2002) in Business, all from the University of Zagreb. He joined Faculty of Economics & Business (FEB Zagreb) in 2000, with the previous corporate experience as a computer programmer, project manager and executive manager. Mario has taken additional education from MIT Sloan School of Management (digital transformation, strategy and innovation). He has participated in many corporate-based projects and has a broad experience in international accreditations of higher education institutions, leading institutional processes towards achieving EPAS, EQUIS and AACSB accreditations. He is a scientist with the strong publication record (15 books and more than 100 papers in peer-reviewed scientific journals, books and conference proceedings) mainly in area of digital transformation, digital technologies, digital business models, cyber risk, cyber security and information system auditing.

At the Faculty of Economics and Business (FEB Zagreb) he is lecturing the courses like Digital business transformation, e-Business, ICT management, Enterprise information systems, Information system security, Information system auditing. Being a programme director of 5 year EPAS accredited Bachelor Degree in Business program (FEB Zagreb), Master Degree in Managerial Informatics, postgraduate study program ICT Management and PhD programme in Digital Economy, Mario has excessive experience in managing HEI and study programmes and improvements in teaching processes and fostering excellence in higher education. He is also leading international accreditation processes (EPAS, EQUIS, AACSB), acting as a HEI accreditor according to different schemes (EFMD accredited, national accreditations) and a frequent speaker at various corporate and international events.

Mario has participated in many international study visits worldwide and has excessive international teaching and research experience. With strong technology background and corporate executive experience, Mario has been acting as a consultant and IT auditor, leading 50+ international projects and helping companies and institutions going through digital transformation and innovation processes and cyber risks challenges (banks, insurance companies, ICT companies, hotels, services, public institutions, etc.).

CV Summary

Full Professor Mario Spremić, Ph.D.

Born in 1970., Dubrovnik, Croatia

Education: B.Sc. in Mathematics (Faculty of Mathematics, University of Zagreb - 1996), M.Sc. in ICT Management (1999) and Ph.D. in Business (2002, Faculty of Economics and Business University of Zagreb).

Additional education: MIT Sloan School of Management (2018-2019), EFMD Leadership and Executive Academy (2018)

Visiting professor: Faculty of Economics, University of Ljubljana (Slovenia), Faculty of Economics and Business, University of Sarajevo (B&H), Imperial College London UK, New York University in Prague

Study visits, teaching: Imperial College London UK, Westminster Business School, University of Westminster, London UK (2011), Harvard University, USA (2011), WU Vienna University of Economics and Business (2012), Tech City London and University of Reading (2013-2015), Henley Business School (2012-2014), MIT, USA (2018 - 2019), TUM Munich (2018), Shanghai University of International Business and Economics (2019), Sapienza University of Rome (2019), NY University in Prague (2019)

Area of research and teaching: IT governance, digital transformation, digital technologies, digital business models, cyber risk, cyber security and information system auditing

Corporate experience: previously worked as computer programmer, IT project manager, executive manager

Management and ICT consultant: over 50 consultancy projects (digital business transformation, IT audits)

Short summary

Mario Spremić is a Full Professor at the Department of Informatics, Faculty of Economics & Business, University of Zagreb, Croatia and guest lecturer or visiting professor at some international institutions (Imperial College London, Faculty of Economics, University of Ljubljana). He received a B.Sc. in Mathematical Sciences (in 1996.), M.Sc. in IT Management (in 1999.) and Ph.D. (in 2002) in Business, all from the University of Zagreb. He joined Faculty of Economics & Business (FEB Zagreb) in 2000, with the previous corporate experience as a computer programmer, project manager and executive manager. Mario has taken additional education from MIT Sloan School of Management and EFMD Executive Academy. He has participated in many corporate-based projects and has a broad experience in international accreditations of higher education institutions, leading institutional processes towards achieving EPAS, EQUIS and AACSB accreditations. He is acting as an EPAS accreditation reviewer worldwide. His main research interest areas are digital transformation, digital economy, ICT governance, cyber security and information system audit and is a frequent speaker at various corporate and international events.

Key facts:

- **multidiscipline education** (technology – mathematics and IT background, M.Sc. and PhD in business – ICT Governance),
- **international experience** (visiting professor at EPAS, EQUIS, AACSB AMBA accredited institutions, many study visits worldwide, regular speaker at various international conferences and events – including EFMD workshops and conferences, researcher, reviewer for international scientific journals – SCI, WoS indexed, engaged in international research and consultancy projects, programme committee member for large number of international conferences),
- **corporate experience** (previous executive management experience, engaged as IT auditor and executive consultant in finance industry - banks, insurance, manufacturing, FCMG, ICT, service industries, public institutions – leading 50+ consultancy projects mainly in digital business transformation, cyber risks, ICT governance, change management),
- **research record** (14 reviewed books – chapters in books, around 70 scientific papers – SCI, WoS, Scopus referenced, mainly in area of ICT governance, IS security, cyber risks, IT auditing, digital technology, e-business)
- **lectures** (at various programmes, including bachelor, master, PhD., MBA and executive MBA programmes, courses like Digital business transformation, e-Business, ICT management, Enterprise

information systems, Information system security, Information system auditing)

- **programme director at FEB Zagreb** (5 year EPAS accredited BDiB programme, master programme Managerial Informatics, postgraduate study ICT Management – both at FEB Zagreb and at Faculty of Economics and Business, University of Sarajevo, B&H)
- **professional engagement** (Croatian Audit Association, Member of Committee for National State Exam, Member of National Scientific Committee for Information Sciences, ISACA CC – Information System Audit and Control Association Croatia Chapter Board Member, www.isaca.org – ISACA Global has more than 250.000 members worldwide)
- **accreditations** (regular attendee to EFMD and AACSB conferences and seminars, Head of Accreditation Committee at FEB Zagreb, EPAS and EQUIS project leader, EPAS accreditor, contributor to EFMD journals, team member for national accreditation - NAKVIS Slovenia)

Selected research papers (up to June 2021):

1. Gorelova, I., Savastano, M., Spremić, M., Dedova, M. (2021): Region-specific Institutional Context for Citizen-driven Entrepreneurship in Smart Cities: Evidence from Rome and Berlin, *IEEE TEMSCON Technology & Engineering Management Conference – Europe*, 2021.
2. Zentner, H., Spremić, M., Zentner, R. (2021): “Measuring maturity of digital business models for SMEs”, *IEEE TEMSCON Technology & Engineering Management Conference – Europe*, 2021.
3. Zentner, H., Spremić, M. (2021): Typology of Digital Business Models in Tourism, *International Journal of E-Services and Mobile Applications*, Volume 13, Issue 2, April-June 2021, pp. 21-42.
4. Spremić, Mario, Lucija Ivancic and Vesna Bosilj Vukšić (2020): "Fostering Innovation and Value Creation Through Ecosystems: Case of Digital Business Models and Digital Platforms." *Leadership, Management, and Adoption Techniques for Digital Service Innovation*. IGI Global, 2020. 25-44. doi:10.4018/978-1-7998-2799-3
5. Ivančić, L., Vukšić, V. Bosilj, & Spremić, M. (2019): Mastering the Digital Transformation Process: Business Practices and Lessons Learned. *Technology Innovation Management Review*, 9(2): 36-50. <http://doi.org/10.22215/timreview/1217>
6. Suša Vugec, D., Spremić, M., Pejić Bach (2019): IT Strategic Grid: A Longitudinal Multiple Case Study chapter in a [Handbook of Research on Contemporary Approaches in Management and Organizational Strategy](#), IGI – Global Group Press.
7. Spremić, M., Šimunic, A. (2018): Cyber security challenges in digital economy, *Lecture Notes in Engineering and Computer Science: Proceedings of The World Congress on Engineering WCE 2018*, pp. 341-347, IAENG, Hong Kong
8. Suša Vugec, D., Spremić, M., Pejić 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.
9. 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.
10. 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.
11. 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.
12. Spremić, M., Bajgorić, N., Turulja, L. (2013): Imlementation of IT goverance and business continuity management in transition economies: the case of banking sector in Croatia and BiH, *Economic research*, Vol 26, Num 1, pp 183-202.
13. 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.
14. Spremić M., Ivanov, M., Jaković, B. (2012): IT Governance and Information System Auditing

- Practise in Credit Institutions in the Republic of Croatia, *International Journal of Applied Mathematics and Informatics*, Issue 2, Volume 6, pp 101-8, University Press.
15. Spremić M., Ivanov, M., Jaković, B. (2012): Using CobiT Methodology in Information System Auditing: Evidences from Measuring the Level of Operational Risks in Credit Institutions, *Proceedings of the 6th WSEAS International Conference on Business Administration (ICBA '12)*, pp. 45-51, Harvard, Cambridge, USA, 25-27, January 2012
 16. Spremić, M. (2011): Standards and Frameworks for Information System Security Auditing and Assurance, *Proceedings of the World Congress on Engineering 2011 (WCE 2011)*, Newswood Limited. Part vol.1, 2011, 514-19. Hong Kong, China.
 17. 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.
 18. 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.
 19. 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.
 20. 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.
 21. 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.
 22. Groznik, A., Kovačić, A., Spremić, M., (2003): Do IT Investments Have a Real Business Value?, *Applied Informatics*, No. 4, 2003, pp. 180-189.
 23. 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.

Selected authored books in English (peer-reviewed):

1. Garbin Praničević D., Spremić M., Jaković B. (2019) Technology and Educational Leadership: The Role of Leaders vs. National Education Policies. In: Ingþórsson Á., Alfrević N., Pavičić J., Vican D. (eds) Educational Leadership in Policy. Palgrave Macmillan
2. Spremić, M. (2018): Enterprise information system in digital economy, Faculty of Economics and Business, University of Zagreb.
3. Spremić, M. Turulja, L., Bajgorić, N. (2018): Two Approaches in Assessing Business Continuity Management Attitudes in the Organizational Context, *Always-On Enterprise Information Systems for Modern Organization*, IGI Publishing, pp. 159-183.
4. Pejić Bach, M., Spremic, M., Susa Vugec, D. (2018): Integrating Digital Transformation Strategies into Firms: Values, Routes and Best Practice Examples, In *Management and Technological Challenges in the Digital Age*, Taylor & Francis Group: CRC press.
5. 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.
6. 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.
7. 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 Continuance: Technologies for Reliable and Scalable Operation*, IGI Publishing, ISBN: 978-1-60566-723-2

Selected books (in Croatian):

1. Spremić, M. (2017): Digitalna transformacija poslovanja, znanstvena monografija, Ekonomski fakultet Zagreb.
2. Spremić, M. (2017): Sigurnost i revizija informacijskih sustava u okruženju digitalne ekonomije, sveučilišni udžbenik, Ekonomski fakultet Zagreb
3. Panian, Ž., Spremić, M. (2007): Korporativno upravljanje informatikom, Narodne novine, 2007.
4. Spremić, M. (2004): Menadžment i elektroničko poslovanje, Narodne novine, 2004.
5. Srića, V., Spremić, M. (2000): Informacijskom tehnologijom do poslovnog uspjeha, Sinergija, 2000.