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Contents

Education

- University of Belgrade, Belgrade, Serbia: PhD in Computer Science, 1993
  (PhD thesis title: *Automatic Generation of Database Applications from Formal Specifications*,
  co-supervised by Prof. Dušan Velašević and Prof. Branislav Lazarević)
- University of Belgrade, Belgrade, Serbia: MSc in Electrical and Electronic Engineering, 1983
- University of Belgrade, Belgrade, Serbia: BSc in Electrical and Electronic Engineering, 1979

Note: At the time the degrees listed above were awarded, Serbia was part of Yugoslavia.

Employment History

July 2009 – present	*Professor (with Tenure)* Department of Computer Science Ryerson University, Toronto, Ontario, Canada
July 2009 – present	*Adjunct Professor* Department of Computer Science University of Manitoba, Winnipeg, MB, Canada
April 2009 – June 2009	*Professor (with Tenure)* Department of Computer Science University of Manitoba, Winnipeg, MB, Canada
July 2006 – March 2009	*Associate Professor (with Tenure)* Department of Computer Science University of Manitoba, Winnipeg, MB, Canada
April 2005 – July 2006	*Associate Professor* Department of Computer Science University of Manitoba, Winnipeg, MB, Canada
July 2003 – March 2005	*Assistant Professor* Department of Computer Science University of Manitoba, Winnipeg, MB, Canada
July 1998 – July 2003	*Visiting Assistant Professor* Department of Information and Systems Management The Hong Kong University of Science and Technology, Hong Kong
January 1998 – June 1998	*Visiting Scholar* Department of Information and Systems Management The Hong Kong University of Science and Technology, Hong Kong
May 1997 – December 1997	*Research Associate* Department of Computer Science The Hong Kong University of Science and Technology, Hong Kong
July 1994 – October 1996	*Assistant Professor* Department of Computer Science University of Belgrade, Serbia
October 1988 – June 1994	*Lecturer* Department of Computer Science University of Belgrade, Serbia
October 1980 – September 1988	*Research Assistant* Department of Electronic Engineering University of Belgrade, Serbia

Citizenship

Canadian, Serbian

Research Interests

Blockchain technology and applications
Internet of Things: modeling, protocols, performance, security
Wireless networks and applications
Software and systems modeling

Publications

Books

B.1   V. B. Mišić and J. Mišić (eds.). *Machine-To-Machine Communications – Architectures, Technology, Standards, and Applications*. Boca Raton, FL: CRC Press, 2014.

B.2   J. Mišić and V. B. Mišić. *Wireless Personal Area Networks: Performance, Interconnection and Security with IEEE.802.15.4*. John Wiley & Sons, 2008.

B.3   J. F. Roddick, R. Benjamins, S. S. Cherfi, R. Chiang, Ch. Claramunt, R. Elmasri, F. Grandi, H. Han, M. Hepp, M. Lystras, V. B. Mišić, G. Poels, I.-Y. Song, J. Trujillo, Ch. Vangenot (eds.). *Advances in Conceptual Modeling – Theory and Practice*. LNCS 4231, Berlin, Germany: Springer-Verlag, 2006.

B.4   J. Mišić and V. B. Mišić. *Performance Modeling and Analysis of Bluetooth Networks*: *Network Formation, Polling, Scheduling, and Traffic Control*. Boca Raton, FL: CRC Press, 2005.

B.5   D. Velašević, D. Bojić, and V. B. Mišić. *Problems and Solutions in Expert Systems* (in Serbian language). Belgrade, Serbia: University of Belgrade, 1996.

B.6   V. B. Mišić. *Rdb/VMS Relational Database Manager* (in Serbian language). Belgrade, Serbia: Tehnička Knjiga Publishers, 1990.

B.7   V. B. Mišić. *IBM PC/XT/AT in 25 lessons* (in Serbian language). Belgrade, Serbia: Tehnička Knjiga Publishers, 1986/1987 (two editions, seven printings).

Book Chapters

C.1   C. Campolo, A. Molinaro, R. Scopigno, S. Öztürk, J. Mišić, and V. B. Mišić. "The MAC Layer of VANETs", chapter 4 (pp 83-122) in *Vehicular ad hoc Networks*, C. Campolo, A. Molinaro, and R. Scopigno (eds.), Springer-Verlag, 2015.

C.2   H. Khojasteh, J. Mišić, and V. B. Mišić. "Task admission control for cloud server pools", in *Advances in Mobile Cloud Computing Systems*, F. Richard Yu and Victor C. M. Leung (eds), Boca Raton, FL: CRC Press, 2015.

C.3   N. Beigi-Mohammadi, J. Mišić, V. B. Mišić, and H. Khazaei. "Intrusion Detection System for Machine-to-Machine Communication in Smart Grid", chapter 9 (pp. 261-293) in *Machine-To-Machine Communications – Architectures, Technology, Standards, and Applications*, Vojislav B. Mišić and Jelena Mišić (eds.), Boca Raton, FL: CRC Press, 2014.

C.4   H. Khazaei, J. Mišić, and V. B. Mišić. "Performance evaluation of cloud data centers with batch task arrivals", chapter 6 (pp. 199-233) in *Communication Infrastructures for Cloud Computing: Design and Applications*, Hussein T. Mouftah and Burak Kantarci (eds.), Hershey, PA: IGI-Global, 2012.

C.5   H. Khazaei, J. Mišić, and V. B. Mišić. "On the performance and dimensioning of cloud computing centers", chapter 8 (pp. 151-165) in *Cloud computing: methodology, system, and applications*, Lizhe Wang, Rajiv Ranjan, Jinjun Chen, and Boualem Benatallah (eds.), Boca Raton, FL: CRC Press, 2011.

C.6   V. B. Mišić and J. Mišić. "Cognitive MAC Protocol with Transmission Tax: Probabilistic Analysis and Performance Improvements", chapter 6 (pp. 159-180) in *Cognitive Radio Mobile Ad Hoc Networks*, F. Richard Yu (editor), New York, NY: Springer, 2010.

C.7   Md. M. Haque, J. Mišić, V. B. Mišić, S. Biswas, and S. Rashwand. "Vehicular network security", in *Encyclopedia of Wireless and Mobile Communications*, 2nd edition, Borko Furht (editor), Boca Raton, FL: CRC Press, 2009

C.8   J. Mišić, S. Shafi, and V. B. Mišić. "Admission control issues in 802.15.4 sensor clusters", in *Handbook on Mobile Ad Hoc and Pervasive Communications*, Laurence T. Yang and Mieso Denko (editors), Stevenson Ranch, CA: American Scientific Publishers, 2009.

C.9   J. Mišić and V. B. Mišić. "Patient privacy in healthcare wireless sensor networks", chapter 20 (pp. 509-527) in *Handbook on Security and Networks*, Yang Xiao, Frank H. Li, and Hui Chen (editors), Singapore: World Scientific Publishing Co., 2011.

C.10   J. Mišić, M. A. I. Khair, and V. B. Mišić. "Performance of bridging algorithms in IEEE 802.15.3 multi-piconet networks", chapter 14 (pp. 335-353) in *Handbook on Sensor Networks*, Yang Xiao, Hui Chen, and Frank H. Li (editors), Singapore: World Scientific Publishing Co., 2009.

C.11   M. A. I. Khair, J. Mišić, and V. B. Mišić. "Piconet Interconnection Strategies in IEEE 802.15.3 networks", chapter 8 (pp. 147-162) in *Unlicensed Mobile Access Technology: Protocols, Architectures, Security, Solutions, Standards and Applications*, Yan Zhang, Laurence T. Yang and Jianhua Ma (editors), Boca Raton, FL: Auerbach Publications, 2008.

C.12   V. B. Mišić and J. L. Zhao. "E-Business Reference Models", in In Lee (editor), Electronic *Business: Concepts, Methodologies, Tools, and Applications* (ISBN: 978-1-60566-056-1), Hershey, PA: Information Science Reference, 2008. [Reprint of V. B. Mišić and J. L. Zhao (2006) below.]

C.13   V. B. Mišić and J. L. Zhao. "E-Business Reference Models", chapter 2.1 (pp. 179-200) in S. Ann Becker (editor), *Electronic Commerce: Concepts, Methodologies, Tools, and Applications*, Hershey, PA: Information Science Reference, 2008. [Reprint of V. B. Mišić and J. L. Zhao (2006) below.]

C.14   V. B. Mišić and J. Begum.   "IEEE 802.15.4: MAC Layer Attacks in Sensor Clusters", pp. 396-403 in *Encyclopedia of Wireless and Mobile Communications*, Borko Furht (editor), Boca Raton, FL: CRC Press, 2007.

C.15   V. B. Mišić and J. Mišić. "Medium Access in Ad Hoc and Sensor Networks", chapter 127 (pp. 1057-1082) in *The Handbook of Computer Networks*, Hossein Bidgoli (editor), New York, NY: John Wiley and Sons, 2006.

C.16   F. Amini, V. B. Mišić, and J. Mišić. "Intrusion Detection in Wireless Sensor Networks", chapter 6 (pp. 111-128) in *Security in Distributed, Grid, and Pervasive Computing*, Yang Xiao (editor), Boca Raton, FL: CRC Press, 2006.

C.17   J. Mišić and V. B. Mišić. "Security Issues in Wireless Sensor Networks used in Clinical Information Systems", chapter 13 (pp. 325-340) in *Wireless Network Security*, Yang Xiao, Xuemin Shen, and Ding-Zhu Du (editors), Berlin, Germany: Springer-Verlag, 2006.

C.18   V. B. Mišić and J. L. Zhao. "E-Business Reference Models", chapter XII (pp. 241-264) in *Reference Modeling for Business Systems Analysis*, Peter Loos and Peter Fettke (editors), Hershey, PA: Idea Group Inc., 2006.

C.19   V. B. Mišić, J. Fung, and J. Mišić. "MAC Layer Attacks in 802.15.4 Sensor Networks", chapter 2 (pp. 27-46) in *Security in Sensor Networks*, Yang Xiao (editor), Boca Raton, FL: Auerbach Publications, 2006.

C.20   J. Mišić, G. R. Reddy, and V. B. Mišić. "Activity scheduling in Bluetooth sensor networks", chapter 2 (pp. 41-72) in *Resource, Mobility and Security Management in Wireless Networks and Mobile Communications*, Y. Zhang, H. Hu, and M. Fujise (editors), Boca Raton, FL: Auerbach Publications, 2006.

C.21   J. Mišić and V. B. Mišić. "An Overview of Intra- and Inter-Piconet Scheduling Algorithms in Bluetooth", chapter 31 (pp.725-734) in *Handbook of Algorithms for Mobile and Wireless Networking and Computing*, A. Boukerche (editor), Boca Raton, FL: Auerbach Publications, 2006.

C.22   J. Mišić, V. B. Mišić, and K. L. Chan. "TCP performance in Bluetooth piconets", chapter 10 (pp. 195-220) in *Wireless LANs and Bluetooth*, Yang Xiao and Yi Pan (editor), Hauppauge, NY: Nova Science Publishers, 2005.

C.23   J. Mišić and V. B. Mišić. "Adaptive Cycle-Controlled E-Limited Polling in Bluetooth Piconets", chapter 18 (pp. 283–295) in *Theoretical and Algorithmic Aspects of Sensor, Ad Hoc Wireless and Peer-to-Peer Networks*, Jie Wu (editor), Boca Raton, FL: Auerbach Publications, 2004.

Publications in Refereed Journals

J.1   R. Yang, X. Chang, J. Mišić, V. B. Mišić, and H. Kang. "On Selfholding Attack Impact on Imperfect PoW Blockchain Networks", *IEEE Transactions on Network Science and Engineering*, 2021.

J.2   J. Mišić, V. B. Mišić, and X. Chang. "Scalable Self-Sovereign Identity Architecture", *IEEE Network*, 2021.

J.3   H. Kang, R. Yang, X. Chang, J. Mišić, and V. B. Mišić. "Understanding Selfish Mining in Imperfect Bitcoin and Ethereum Networks with Extended Forks", *IEEE Transactions on Network and Service Management*, 2021.

J.4   S. G. Motlagh, J. Mišić, and V. B. Mišić. "The Impact of Selfish Mining on Bitcoin Network Performance", *IEEE Transactions on Network Science and Engineering* **8**(1):724-735, January-March 2021.

J.5   Y. Zhang; X. Chang; J. Mišić; V. B. Mišić; and Y. Cai. "Cost-effective Migration-based Dynamic Platform Defense Technique: A CTMDP Approach", *Peer-to-Peer Networking and Applications*, 2021.

J.6   J. Mišić, V. B. Mišić, X. Chang, and H. Qushtom. "Adapting PBFT for use with blockchain-enabled IoT systems", *IEEE Transactions on Vehicular Technology* **70**(1):33-48, January 2021.

J.7   L. Jiang, X. Chang, J. Mišić, and V. B. Mišić, and R. Yang. "Performance Analysis of Heterogeneous Cloud-Edge Services: A Modeling Approach", *Peer-to-Peer Networking and Applications* **14**:151-163, January 2021.

J.8   J. Mišić, V. B. Mišić, and X. Chang. "Performance of Bitcoin network with synchronizing nodes and a mix of regular and compact blocks", *IEEE Transactions on Network Science and Engineering* **7**(4):3135-3147, October-December 2020.

J.9   R. Yang, X. Chang, J. Mišić, and V. B. Mišić. "Assessing Blockchain Selfish Mining in an Imperfect Network: Honest and Selfish Miner Views", *Computers & Security*, 2020.

J.10   S. G. Motlagh, J. Mišić, and V. B. Mišić. "An Analytical Model for Churn Process in Bitcoin Network with Ordinary and Relay Nodes", *Peer-to-Peer Networking and Applications* **13**:1931-1942, 2020.

J.11   L. Jiang, X. Chang, R. Yang, J. Mišić, and V. B. Mišić. "Model-based Comparison of Cloud-Edge Computing Resource Allocation Policies". *The Computer Journal* **63**(10):1564-1583, October 2020.

J.12   L. Jiang, X. Chang, J. Bai, J. Mišić, V. B. Mišić, and Z. Chen. "Dependability Analysis of 5G-AKA Authentication Service from Server and User Perspectives". *IEEE Access* **8**:89562-89574, May 2020.

J.13   Y. Yao, X. Chang, J. Mišić, and V. B. Mišić. "Lightweight Batch AKA Scheme for User-Centric Ultra-Dense Networks", *IEEE Transactions on Cognitive Communications and Networking* **6**(2):597-660, March 2020.

J.14   Y. Zhang, X. Chang, Y. Lin, J. Mišić, and V. B. Mišić. "Exploring Function Call Graph Vectorization and File Statistical Features in Malicious PE File Classification". *IEEE Access* **8**:44652-44660, DOI: 10.1109/ACCESS.2020.2978335, March 2020.

J.15   L. Jiang, X Chang, Y. Liu, J. Mišić, and V. B. Mišić. *"*Performance Analysis of Hyperledger Fabric Platform: A Hierarchical Model Approach", *Peer-to-Peer Networking and Applications* **13**(3):1014-1025, 2020.

J.16   S. G. Motlagh, J. Mišić, and V. B. Mišić. "Impact of Node Churn in the Bitcoin Network", *IEEE Transactions on Network Science and Engineering* **7**(3):2104-2113, July-September 2020.

J.17   Y. Yao, X. Chang, J. Mišić, and V. B. Mišić. "Lightweight and Privacy-Preserving ID-as-a-Service Provisioning in Vehicular Cloud Computing", *IEEE Transactions on Vehicular Communications* **69**(2):2185-2194, DOI: 10.1109/TVT.2019.2960831, February 2020.

J.18   R. Yang, X. Chang, J Mišić, and V. B. Mišić. "Performance Modeling of Linux Network System with Open vSwitch", *Peer-to-Peer Networks and Applications* **13**(1):151-162, January 2020.

J.19   Y. Wang, J. Liu, J Mišić, V. B. Mišić, S. Lv, and X. Chang. "Assessing Optimizer Impact on DNN Model Sensitivity to Adversarial Examples". *IEEE* Access **7**:152766-152776, 2019.

J.20   J. Mišić, V. B. Mišić, X. Chang, S. G. Motlagh, and M. Z. Ali. "Modeling of Bitcoin's blockchain delivery network", *IEEE Transactions on Network Science and Engineering* **7**(3):1368-1381, July-September 2020.

J.21   M. Z. Ali, J. Mišić, and V. B. Mišić. "Performance Evaluation of Heterogeneous IoT Nodes with Differentiated QoS in IEEE 802.11ah RAW Mechanism", *IEEE Transactions on Vehicular Technology* **68**(4):3905-3918, February 2019.

J.22   A. Abdallah, J. Mišić, and V. B. Mišić. "Efficient Security Scheme for Disaster Surveillance UAV Communication Networks", *Information* **10**:43; DOI:10.3390/info10020043, 2019.

J.23   M. Z. Ali, J. Mišić, and V. B. Mišić. "Bridging the transition from IEEE 802.11ac to IEEE 802.11ax: survival of EDCA in coexistence environment", *IEEE Network* **33**(3):102-107, April 2019.

J.24   Y. Yao, X. Chang, J Mišić, V. B. Mišić, and L. Li. "BLA: Blockchain-Assisted Lightweight Anonymous Authentication for Distributed Vehicular Fog Services", *IEEE Internet of Things Journal* **6**(2):3775-3784, April 2019.

J.25   F. Banaie, J. Mišić, V. B. Mišić, M. H. Yaghmaee, and S. A. Hosseini. "Performance Analysis of Multithreaded IoT Gateway", *IEEE Internet of Things Journal* **6**(2):3143-3155, April 2019.

J.26   Y. Yao, X. Chang, J. Mišić, and V. B. Mišić. "Reliable and Secure Vehicular Fog Service Provision", *IEEE Internet of Things Journal* **6**(1):734-743, February 2019.

J.27   H. Khojasteh, J. Mišić, and V. B. Mišić. "Prioritization of Overflow Tasks to Improve Performance of Mobile Cloud", *IEEE Transactions on Cloud Computing* **7**(1):287-297, January/March 2019.

J.28   N. Khan, J. Mišić and V. B. Mišić. "Priority Based Machine-to-Machine (PM2M) Overlay Network Over LTE for Smart City", *Journal of Sensor and Actuator Networks* **7**(3):27, 2018; DOI:10.3390/jsan7030027.

J.29   M. Z. Ali, J. Mišić, and V. B. Mišić. "Uplink Access Protocol in IEEE 802.11ac", *IEEE Transactions on Wireless Communications* **17**(8): 5535-5551, August 2018, DOI: 10.1109/TWC.2018.2845410.

J.30   J. Mišić, M. Z. Ali, and V. B. Mišić. "Protocol architectures for IoT domains", *IEEE Network* **32**(4):811-817, July/August 2018.

J.31   J. Mišić and V. B. Mišić. "Proxy cache maintenance using multicasting in CoAP IoT domains", *IEEE Internet of Things Journal* **5**(3):1967-1976, June 2018, DOI: 10.1109/JIOT.2018.2818115.

J.32   J. Mišić, M. Z. Ali, and V. B. Mišić. "Architecture for IoT domain with CoAP observe feature", *IEEE Internet of Things Journal* **5**(2):1196-1205, April 2018, DOI: 10.1109/JIOT.2018.2800691.

J.33   J. Mišić and V. B. Mišić. "Efficiency of power ramping during random access in LTE", *IEEE Transactions on Vehicular Technology* **67**(2): 1698-1712, February 2018, DOI: 10.1109/TVT.2017.2757034.

J.34   Md. M. Rahman, J. Mišić, and V. B. Mišić. "Formation of Cognitive Personal Area Networks (CPANs) Using Probabilistic Rendezvous", *IEEE Transactions on Vehicular Technology* **67**(2):1635-1648, February 2018, DOI: 10.1109/TVT.2017.2750538.

J.35   M. Z. Ali, J. Mišić and V. B. Mišić. "Performance analysis of downlink MU-TXOP sharing in IEEE 802.11ac", *IEEE Transactions on Vehicular Technology* **66**(10): 9365-9380, October 2017, DOI: 10.1109/TVT.2017.2701351.

J.36   J. Mišić and V. B. Mišić. "Adapting LTE/LTE-A to M2M and D2D communications", *IEEE Network* **31**(3):63–69, 2017.

J.37   M. S. I. Khan, J. Mišić, and V. B. Mišić. "Zoning and relaying-based MAC protocol with RF recharging", *IEEE Transactions on Vehicular Technology* **66**(2):1835-1844, February 2017, DOI: 10.1109/TVT.2016.2565664.

J.38   J. Mišić, V. B. Mišić, and N. Khan. "Sharing it my way: Efficient M2M access in LTE/LTE-A networks", *IEEE Transactions on Vehicular Technology* **66**(1):696–709, January 2017.

J.39   Md. M. Rahman, J. Mišić, and V. B. Mišić. "Bridge Performance in Asynchronous Cognitive Personal Area Networks", *IEEE Transactions on Vehicular Technology* **65**(9):7568–7578, September 2016.

J.40   N. Khan, J. Mišić, and V. B. Mišić. "On coexistence of vehicular overlay network and H2H terminals on PRACH in LTE", *ZTE Communications* **14**(3):3–12, August 2016.

J.41   Md. M. Rahman, J. Mišić, and V. B. Mišić. "Two-Hop Communications in a Cognitive Radio Network", *Cyber-Physical Systems* **2**(1-4):1–23, 2016, DOI: 10.1080/23335777.2016.1189458.

J.42   S. Rashwand, J. Mišić and V. B. Mišić. "Analysis of CSMA/CA mechanism of IEEE 802.15.6 under non-saturation regime", *IEEE Transactions on Parallel and Distributed Systems* **27**(5):1279-1288, May 2016.

J.43   H. Tavakoli, J. Mišić, M. Naderi, and V. B. Mišić. "Adaptive Low-Energy Clustering In Slotted Beacon-Enabled IEEE 802.15.4 Networks", *Wireless Communications and Mobile Computing* **16**(4): 393–407, March 2016.

J.44   M. S. I. Khan, J. Mišić, and V. B. Mišić. "Performance of the MAC Protocol in Wireless Recharging under E-limited Scheduling", *Computer Communications* **73**(Part A):157-164, January 2016.

J.45   H. Tavakoli, J. Mišić, V. B. Mišić, and M. Naderi. "Energy-Efficient Cluster-Head Rotation in Beacon-Enabled IEEE 802.15.4 Networks", *IEEE Transactions on Parallel and Distributed Systems* **26**(12):3371-3380, December 2015.

J.46   M. S. I. Khan, J. Mišić, and V. B. Mišić. "Modeling of RF recharging in a wireless sensor network with coordinated node sleep", *Journal of Communications* **10**(9):707–714, September 2015.

J.47   M. S. I. Khan, J. Mišić, and V. B. Mišić. "Impact of network load on the performance of a polling MAC with wireless recharging of nodes", *IEEE Transactions on Emerging Topics in Computing* **3**(3):307–316, September 2015.

J.48   V. B. Mišić, M. S. I. Khan, Md. M. Rahman, H. Khojasteh, and J. Mišić. "Simple Solutions May Still Be Best: On the Selection of Working Channels in a Channel-Hopping Cognitive Network", *Wireless Communications and Mobile Computing* **15**(6):1026-1036, April 2015.

J.49   H. Khojasteh, J. Mišić, and V. B. Mišić. "Integration of an IEEE 802.15.4 RFID Network with Mobile Readers with a 802.11b WLAN", *Wireless Communications and Mobile Computing* **15**(1):43-55, January 2015.

J.50   H. Tavakoli, J. Mišić, M. Naderi, and V. B. Mišić. "Evaluation of Single Dimensional Sensor Network Implemented Using Slave-Slave Bridging in IEEE 802.15.4 Technology", *Ad Hoc and Sensor Wireless Networks* **24**(3-4):179-197, 2015.

J.51   J. Mišić and V. B. Mišić. "Probabilistic vs. Sequence-Based Rendezvous in Channel-Hopping Cognitive Networks", *IEEE Transactions on Parallel and Distributed Systems* **25**(9):2418-2427, September 2014.

J.52   J. Mišić and V. B. Mišić. "Recovery in Channel-Hopping Cognitive Networks under Random Primary User Activity", *IEEE Transactions on Vehicular Technology* **63**(5):2392-2406, June 2014.

J.53   N. Beigi-Mohammadi, J.Mišić, V. B. Mišić, and H. Khazaei. "A Framework for Intrusion Detection System in Advanced Metering Infrastructure", *Security and Communication Networks* **7**(1):195-205, January 2014.

J.54   H. Khazaei, J. Mišić, and V. B. Mišić. "Performance of Cloud Centers with High Degree of Virtualization under Batch Task Arrivals", *IEEE Transactions on Parallel and Distributed Systems* **24**(12):2429-2438, December 2013.

J.55   H. Khazaei, J. Mišić, and V. B. Mišić. "A Fine-Grained Performance Model of Cloud Computing Centers", *IEEE Transactions on Parallel and Distributed Systems* **24**(11):2138-2147, Nov. 2013.

J.56   Y. Rafique and V. B. Mišić. "The Effects of Test-Driven Development on External Quality and Productivity: A Meta-Analysis", *IEEE Transactions on Software Engineering* **39**(6):835-856, June 2013.

J.57   H. Khazaei, J. Mišić, V. B. Mišić, and S. Rashwand. "Analysis of a Pool Management Scheme for Cloud Computing Centers", *IEEE Trans. Parallel and Distributed Systems* **24**(5):849-861, May 2013.

J.58   S. Öztürk, J. Mišić, and V. B. Mišić. "Capacity Limits in a Variable Duty Cycle IEEE 802.11p-Based VANET", *Wireless Communications and Mobile Computing* **12**(18):1672-1684, December 2012.

J.59   S. Biswas, J. Mišić, and V. B. Mišić. "An Identity-based Authentication Scheme for Safety Messages in WAVE-enabled VANETs", *International Journal of Parallel, Emergent, and Distributed Systems* **27**(6):541-562, December 2012.

J.60   N. Beigi-Mohammadi, H. Khazaei, J.Mišić, and V. B. Mišić. "On Intrusion Detection in a Neighbourhood Area Network in the Smart Grid", *J. of Information Technology and Applications* **2**(1):7-13, June 2012.

J.61   L. Faynshteyn, V. B. Mišić, and J. Mišić. "Analyzing the Cost and Benefit of Pair Programming Revisited", *J. of Information Technology and Applications* **2**(1):14-21, June 2012.

J.62   S. Öztürk, J. Mišić, and V. B. Mišić. "Reaching spatial or networking saturation in VANETs", *EURASIP Journal on Wireless Communications and Networking* **2011**:174, 2011.

J.63   J. Mišić, S. Rashwand, and V. B. Mišić. "Analysis of impact of TXOP allocation on IEEE 802.11e EDCA under variable network load", *IEEE Transactions on Parallel and Distributed Computing* **23**(5):785-799, May 2012.

J.64   H. Khazaei, J. Mišić, and V. B. Mišić. "Performance Analysis of Cloud Computing Centers Using $M/G/m/m + r$ Queueing Systems", *IEEE Transactions on Parallel and Distributed Systems* **23**(5):936-943, May 2012. (The paper was featured as the spotlight paper for the May 2012 issue of *IEEE Transactions on Parallel and Distributed Systems.*)

J.65   J. Mišić, V. B. Mišić, and S. Öztürk. "Performance of Simple Cognitive Personal Area Networks with Finite Buffers and Adaptive Superframe Duration", *Wireless Communications and Mobile Computing* **11**(12):1668-1676, 2011.

J.66   J. Mišić, G. Badawy, and V. B. Mišić. "Performance characterization for IEEE 802.11p network with single channel devices", *IEEE Transactions on Vehicular Technology* **60**(4):1775–1787, 2011.

J.67   J. Mišić and V. B. Mišić. "Dynamic Parameter Adjustment in a Cognitive MAC Protocol with Transmission Tax", *Int. J. Autonomous and Adaptive Communications Systems* **4**(4):398-411, 2011.

J.68   J. Mišić and V. B. Mišić. "Cognitive Wireless Personal Area Networks for Monitoring and Control", *Wireless Communications and Mobile Computing* **11**(8):1042-1050, 2011.

J.69   V. B. Mišić and J. Mišić. "Performance of Cognitive PANs with Modulation of Sensing Probability", *Ad Hoc and Sensor Wireless Networks*, 2010.

J.70   J. Mišić and V. B. Mišić. "Making the best of limited resources: optimized differential sensing in cognitive PANs", *Computer Networks* **54**(4):605-617, March 2010.

J.71   J. Mišić and V. B. Mišić. "Bridge Performance in a Multi-tier Wireless Network for Healthcare Monitoring", *IEEE Wireless Communications* **17**(1):90-95, February 2010.

J.72   V. B. Mišić and J. Mišić. "Reducing Sensing Error in Cognitive PANs through Reduction of the Channel Set and Split Sensing", *Computer Communications* **32**(11):1326-1335, July 2009.

J.73   V. B. Mišić and J. Mišić. "Improving Sensing Accuracy in Cognitive PANs through Modulation of Sensing Probability", *Mobile Information Systems* **5**(2): 177-193, July 2009.

J.74   J. Mišić and V. B. Mišić. "Performance of Cooperative Sensing at the MAC Level: Error Minimization through Differential Sensing", *IEEE Transactions on Vehicular Technology* **58**(5):2457-2470, June 2009.

J.75   J. Mišić and V. B. Mišić. "Bridging between IEEE 802.15.4 and IEEE 802.11 Networks for Multiparameter Healthcare Sensing", *IEEE Journal of Selected Areas in Communications – Wireless Series* **27**(4):435-449, May 2009.

J.76   J. Mišić and V. B. Mišić. "Differential sensing in cognitive personal area networks with bursty secondary traffic and varying primary activity factor*", Int. J. Autonomous and Adaptive Communications Systems* **2**(1): 24-39, 2009.

J.77   J. Mišić and V. B. Mišić. "Enforcing patient privacy in healthcare WSNs through key distribution algorithms", *Security and Communication Networks* **1**(5):417-429, September/October 2008.

J.78   J. Mišić and V. B. Mišić. "Building Multi-Cluster 802.15.4 Networks: Issues and Open Problems", *IEEE Wireless Communications* **15**(4):74-78, August 2008.

J.79   F. G. Olumofin and V. B. Mišić. "A Holistic Architecture Assessment Method for Software Product Lines", *Information and Software Technology* **49**(4):309–323, April 2007.

J.80   V. B. Mišić and J. Mišić. "Sensing with One or with Four? A Comparison of Two IEEE 802.15.x Protocols for Use in Sensor Networks", *International Journal of Distributed Sensor Networks* **3**(1):87-104, January-March 2007.

J.81   J. Mišić and V. B. Mišić. "Implementation of security policy for clinical information systems over medical sensor networks", *Ad hoc Networks* **5**(1):134-144, January 2007.

J.82   J. Mišić, G. R. Reddy, and V. B. Mišić. "Activity scheduling based on cross layer information in Bluetooth sensor networks", *Computer Communications* **29**(17):3385-3396, November 2006.

J.83   J. Mišić, V. B. Mišić, C. J. Fung, and S. Shafi. "Faster lanes, longer lifetimes: activity management in interconnected 802.15.4 sensor clusters", *Mobile Networks and Applications Journal (MONET)* **11**(5):741-756, October 2006.

J.84   J. Mišić, K. L. Chan, and V. B. Mišić. "Impact of Bluetooth MAC layer on the performance of TCP traffic", *Wireless Communications and Mobile Computing* **6**(6):865-876, September 2006.

J.85   J. Mišić, S. Shafi, and V. B. Mišić. "Performance Limitations of the MAC Layer in 802.15.4 Low Rate WPAN", *Computer Communications* **29**(13-14):2534-2541, August 2006.

J.86   J. Mišić, S. Shafi, and V. B. Mišić. "Maintaining Reliability through Activity Management in a 802.15.4 Sensor Cluster", *IEEE Transactions on Vehicular Technology* **55**(3):779-788, May 2006.

J.87   J. Mišić, S. Shafi, and V. B. Mišić. "Performance of beacon enabled IEEE 802.15.4 cluster with downlink and uplink traffic", *IEEE Transactions on Parallel and Distributed Computing* **17**(4):361-376, April 2006.

J.88   J. Mišić, C. J. Fung, and V. B. Mišić. "Interconnecting 802.15.4 clusters in master-slave mode using guaranteed time slots and acknowledged transfers: queueing theoretic analysis", *Journal of Interconnection Networks* **7**(1):117-131, March 2006.

J.89   V. B. Mišić. "Perceptions of Extreme Programming: An Exploratory Study", *ACM Software Engineering Notes* **31**(2):1-8, March 2006.

J.90   J. Mišić, V. B. Mišić, and K. L. Chan. "Performance of Bluetooth Scatternets Under E-Limited Polling and Walk-In Bridge Scheduling", *Dynamics of Continuous, Discrete and Impulsive Systems*, Series B: Applications & Algorithms, **13**(1):49-76, February 2006.

J.91   J. Mišić, S. Shafi, and V. B. Mišić. "Real-time admission control in 802.15.4 Sensor Clusters", *International Journal of Sensor Networks (IJSNet)* **1**(1):34-40, 2006.

J.92   J. Mišić, S. Shafi, and V. B. Mišić. "Cross-Layer Activity Management in a 802.15.4 Sensor Network", *IEEE Communications Magazine* **44**(1):131–136, January 2006.

J.93   J. Mišić and V. B. Mišić. "Performance analysis of Bluetooth piconets with finite baseband buffers", *Wireless Communications and Mobile Computing* **5**(8):917–925, December 2005.

J.94   J. Mišić, S. Shafi, and V. B. Mišić. "The Impact of MAC Parameters on the Performance of 802.15.4 PAN", *Ad hoc Networks* **3**(5):509–528, September 2005.

J.95   V. B. Mišić, J. Mišić, and G. R. Reddy. "Modeling of loosely coupled scatternets with finite buffers", *Transactions of the Society for Modeling and Simulation International* **81**(8): 561–570, August 2005.

J.96   J. Mišić, V. B. Mišić, and K. L. Chan. "Talk and Let Talk: Performance of Bluetooth Piconets with Synchronous Traffic", *Ad hoc Networks* **3**(4):451–477, July 2005.

J.97   V. B. Mišić, J. Mišić, and K. L. Chan. "Walk-In Bridge Scheduling in Bluetooth Scatternets", *Cluster Computing* **8**(2-3):197–210, July 2005.

J.98   J. Mišić and V. B. Mišić. "Access delay for nodes with finite buffers in IEEE 802.15.4 beacon enabled PAN with uplink transmissions", *Computer Communications*, **28**(10):1152–1166, June 2005.

J.99   J. Mišić and V. B. Mišić. "Duty Cycle Management in Sensor Networks Based on 802.15.4 Beacon Enabled MAC", *Ad Hoc and Sensor Wireless Networks* **1**(3):207–233, 2005.

J.100 J. Mišić, V. B. Mišić, and K. L. Chan. "Performance of Bluetooth Bridge Scheduling Algorithms", *Computer Communications* **27**(12):1143-1151, July 2004.

J.101 J. Mišić, K. L. Chan, and V. B. Mišić. "Admission control in Bluetooth piconets", *IEEE Transactions on Vehicular Technology* **53**(3):890-911, May 2004.

J.102 V. B. Mišić, J. Mišić, and K. L. Chan. "Performance of Adaptive Inter-Piconet Scheduling in a Scatternet with a Slave/Slave Bridge", *Wireless Communications and Mobile Computing* **4**(1):85-98, February 2004.

J.103 J. Mišić, V. B. Mišić, and E. W. S. Ko. "Fixed Cycles and Adaptive Bandwidth Allocation Can Coexist in Bluetooth", *Canadian Journal of Electrical and Computer Engineering (CJECE)* **29**(1-2):135-147, January/April 2004.

J.104 V. B. Mišić and J. Mišić. "Performance of Bluetooth Bridges in Scatternets with Limited Service Scheduling", *Mobile Networks and Applications Journal (MONET)* **9**(1):73-87, January 2004.

J.105 J. Mišić, V. B. Mišić, and Y K. Tang. "On uplink call level QoS in DS-CDMA networks", *Computer Networks* **42**(2):141-173, June 2003.

J.106 J. Mišić, V. B. Mišić, and Y. K. Tang. "Handoff performance in wireless DS-CDMA networks", *Wireless Communications and Mobile Computing* **3**(3):293-309, May 2003.

J.107 V. B. Mišić and J. Mišić. "Adaptive Inter-Piconet Scheduling in Small Scatternets", *ACM Mobile Computing and Communications Review* **7**(2):45-58, April 2003.

J.108 V. B. Mišić and J. Mišić. "Performance of Bluetooth Slave/Slave Bridge", *Telecommunication Systems* **22**(1-4):221-239, March 2003.

J.109 J. Mišić and V. B. Mišić. "Adaptive Slave/Slave Bridge Scheduling in a Two-Piconet Bluetooth Scatternet", *Info-M* **5**:10-13, March 2003.

J.110 J. Mišić, Y K. Tang, and V. B. Mišić. "Admission control in TD-CDMA networks", *Wireless Communications and Mobile Computing* **3**(2):209-223, March 2003.

J.111 J. Mišić and V. B. Mišić. "Bridges of Bluetooth County: Topologies, Scheduling, and Performance", *IEEE Journal of Selected Areas in Communications – Wireless Series* **21**(2):240-258, February 2003.

J.112 J. Mišić and V. B. Mišić. "Modeling Bluetooth Piconet Performance", *IEEE Communication Letters* **7**(1):18-20, Jan. 2003.

J.113 S. Moser, B. Henderson-Sellers, and V. B. Mišić. "Cost estimation based on business models", *Journal of Systems and Software* **49**(1):33-42, 1999.

J.114   V. B. Mišić and D. N. Tešić. "Estimation of effort and complexity: an object-oriented case study", *Journal of Systems and Software* **41**(2):133-143, May 1998.

J.115   V. B. Mišić and D. Velašević. "Formal specifications in software development: an overview", *Yugoslav Journal for Operations Research* **7**(1):79-96, January 1997.

J.116   V. B. Mišić, D. Velašević, and B. Lazarević. "Formal specification of a data dictionary for an extended ER data model", *Computer Journal* **35**(6):611-622, December 1992.

J.117   B. Lazarević and V. B. Mišić. "Extending the entity-relationship model to capture dynamic behaviour", *European Journal of Information Systems* **1**(2):95-106, March 1991.

J.118   M. V. Popovich and V. B. Mišić. "Comparison of GIC-based active-RC allpass biquads", *IEE Proceedings Part G*, **131**(5):209-213, October 1984.

J.119   V. B. Mišić and M. V. Popovich. "Optimum Design of a GIC-Based Two-Amplifier Notch Circuit", *Frequenz* **37**(3):64-70, March 1983.

J.120   V. B. Mišić. "Sensitivity evaluation for multiple-feedback active filters", *Electronic Letters* **17**(6):240-241, 19th March 1981.

Publications under review in refereed journals

Publications in Refereed Conferences

P.1   J. Wang, J. Zhang, J. Mišić, V. B. Mišić, Y. Wang, and X. Chang.   "Mal-LSGAN: An Effective Adversarial Malware Example Generation Model", *IEEE Globecom 2021*, Madrid, Spain, December 2021.

P.2   V. B. Mišić, J. Mišić, and X. Chang.   "Coping with smartly malicious leaders: PBFT with arbitration for blockchain-based IoT applications", *IEEE Globecom 2021*, Madrid, Spain, December 2021.

P.3   J. Mišić, V. B. Mišić, and X. Chang. "Trade-offs in large blockchain-based IoT system design", *IEEE Globecom 2021*, Madrid, Spain, December 2021.

P.4   J. Mišić, V. B. Mišić, X. Chang, and P. Sarode. "Voting Control in Multiple Entry PBFT Blockchain Systems for IoT", *The Annual IEEE Canadian Conference on Electrical and Computer Engineering*, September 2021.

P.5   H. Qushtom, J. Mišić, and V. B. Mišić. "Multiple Leader PBFT Based Blockchain Architecture for IoT Domains", *The Annual IEEE Canadian Conference on Electrical and Computer Engineering*, September 2021.

P.6   V. B. Mišić, J. Mišić, and X. Chang.   "The impact of vote counting policy on the performance of PBFT", *The Annual IEEE Canadian Conference on Electrical and Computer Engineering*, September 2021.

P.7   H. Qushtom, J. Mišić, X. Chang, and V. B. Mišić. "A Scalable Two-Tier PBFT Consensus for Blockchain-Based IoT Data Recording", *IEEE ICC 2021*, Montreal, QC, June 2021.

P.8   S. G. Motlagh, J. Mišić, and V. B. Mišić. "Analysis of Selfish Miner Behavior in the Bitcoin Network", *IEEE ICC 2021*, Montreal, QC, June 2021 (*Best paper award in the Next-Generation Networking & Internet Symposium*).

P.9   Y. Yao, Z. Zhao, X. Chang, J. Mišić, V. B. Mišić, and J. Wang. "A Novel Privacy-Preserving Neural Network Computing Approach for E-Health Information System", *IEEE ICC 2021*, Montreal, QC, June 2021.

P.10   V. B. Mišić, J. Mišić, and X. Chang. "Making Transaction Propagation More Efficient: Deferred Transaction Relay in Bitcoin", *IEEE GlobeCom 2020*, Taipei, Taiwan, December 2020.

P.11   Z. Chen, X. Chang, J. Mišić, V. B. Mišić, Y. Yang, and Z. Han. "Model-based Performance Evaluation of an Moving Target Defense System", *IEEE GlobeCom 2020*, Taipei, Taiwan, December 2020.

P.12   J. Mišić, V. B. Mišić, X. Chang, and H. Qushtom. "Multiple entry point PBFT for IoT systems", *IEEE GlobeCom 2020*, Taipei, Taiwan, December 2020.

P.13   S. G. Motlagh, J. Mišić, and V. B. Mišić. "Impact of Node Churn in the Bitcoin Network with Compact Blocks", *IEEE GlobeCom 2020*, Taipei, Taiwan, December 2020.

P.14   J. Mišić, V. B. Mišić, and X. Chang. "Comparison of single- and multiple entry point PBFT for IoT blockchain systems" (*invited paper*), *2020 IEEE 92nd Vehicular Technology Conference* (*VTC2020-Fall*), Workshop on New Network Architecture Powering Internet-of-Things, Victoria, BC, October 2020.

P.15   J. Mišić, V. B. Mišić, X. Chang, and H. Qushtom. "PBFT-based ordering service for IoT domains", *2020 IEEE 92nd Vehicular Technology Conference: VTC2020-Fall*, Victoria, BC, October 2020.

P.16   H. Zhu, J. Bai, X. Chang, J. Mišić, and V. B. Mišić. "Stochastic Model-based Quantitative Analysis of Edge UPF Service Dependability". *The 20th International Conference on Algorithms and Architectures for Parallel Processing*, New York, NY, October 2020.

P.17   J. Mišić, V. B. Mišić, and X. Chang. "On the benefits of compact blocks in Bitcoin", *IEEE Int. Conference on Communications (ICC'2020)*, Dublin, Ireland, June 2020.

P.18   H. Kang, B. Liu, J. Mišić, V. B. Mišić, and X. Chang. "Assessing Security and Dependability of a Network System Susceptible to Lateral Movement Attacks", *IEEE Int. Conference on Computing, Networking and Communications (ICNC 2020)*, Big Island, Hawaii, USA, February 2020.

P.19   M. S. Saleem, J. Mišić, and V. B. Mišić. "Examining Permission Patterns in Android Apps using Kernel Density Estimation", *IEEE Int. Conference on Computing, Networking and Communications (ICNC 2020)*, Big Island, Hawaii, USA, February 2020.

P.20   S. G. Motlagh, J. Mišić, and V. B. Mišić. "Modeling of Churn Process in Bitcoin Network", *IEEE Int. Conference on Computing, Networking and Communications (ICNC 2020)*, Big Island, Hawaii, USA, February 2020.

P.21   J. Mišić, V. B. Mišić, and X. Chang. "On ledger inconsistency time in Bitcoin's blockchain delivery network", *IEEE GlobeCom'2019*, Waikoloa, HI, December 2019.

P.22   R. Yang, X Chang, J. Mišić, V. B. Mišić, Z. Chen, and B. Liu.   "Exploiting Dynamic Platform Protection Technique for Increasing Service MTTF." *IEEE GlobeCom'2019*, Waikoloa, HI, December 2019.

P.23   J. Mišić, V. B. Mišić, and X. Chang. "Data lifetime estimation in a multicast-based CoAP proxy", (*invited paper*) *Int. Workshop on Very Large Internet of Things*, Los Angeles, CA, August 2019 (published as part of workshop proceedings in *Open Journal on Internet of Things*, 2019).

P.24   V. B. Mišić, J. Mišić, and X. Chang. "Towards a blockchain-based healthcare information system" (*invited paper*) *IEEE/CIC International Conference on Communications in China (ICCC)*, Changchun, China, August 2019.

P.25   V. B. Mišić, J. Mišić, and X. Chang. "On forks and fork characteristics in a Bitcoin-like distribution network", *IEEE International Conference on Blockchain*, Atlanta, GA, July 2019.

P.26   M. Z. Ali, J. Mišić, and V. B. Mišić. "Extending the Operational Range of UAV Communication Network using IEEE 802.11ah", *IEEE Int. Conf. Communications ICC 2019*, Shanghai, China, May 2019.

P.27   J. Mišić, V. B. Mišić, X. Chang, S. G. Motlagh, and M. Z. Ali. "Block delivery time in Bitcoin distribution network", *IEEE Int. Conf. Communications ICC 2019*, Shanghai, China, May 2019.

P.28   M. Z. Ali, J. Mišić, and V. B. Mišić. "Differentiated QoS to Heterogeneous IoT Nodes in IEEE 802.11ah RAW Mechanism", *GlobeCom* 2018, Abu Dhabi, UAE, December 2018.

P.29   J. Mišić, V. B. Mišić, and X. Chang. "Kernel based estimation of domain parameters at IoT proxy", *GlobeCom 2018*, Abu Dhabi, UAE, December 2018, (Best Paper of the Conference Award).

P.30   V. B. Mišić, J. Mišić, and X. Chang. "Efficient traffic reduction in IoT domains using Bernoulli scheduling of proactive cache refresh", *GlobeCom 2018*, Abu Dhabi, UAE, December 2018.

P.31   N. Khan, J. Mišić and V. B. Mišić. "IEEE 802.15.6-based LTE overlay network with priority support", *IEEE International Conference on Green Computing and Communications GreenCom 2018*, Halifax, NS, Canada, July-August 2018.

P.32   M. Z. Ali, J. Mišić, and V. B. Mišić. "Efficiency of Restricted Access Window Scheme of IEEE 802.11ah under Non-ideal Channel Condition", *IEEE International Conference on Green Computing and Communications GreenCom 2018*, Halifax, NS, Canada, July-August 2018.

P.33   M. Z. Ali, J. Mišić, and V. B. Mišić. "Impact of hidden nodes on uplink transmission in IEEE 802.11ax heterogeneous network", *International Wireless Communications and Mobile Computing Conference (IWCMC 2018),* Limassol, Cyprus, June 2018.

P.34   V. B. Mišić and J. Mišić. "Performance of Caching in a Layered CoAP Proxy", *International Wireless Communications and Mobile Computing Conference (IWCMC 2018),* Limassol, Cyprus, June 2018.

P.35   J. Mišić and V. B. Mišić. "Lightweight data streaming from IoT devices", *IEEE Int. Conf. Communications ICC 2018*, Kansas City, MO, May 2018.

P.36   F. Banaie, J. Mišić, and V. B. Mišić. "Priority-Based Caching Policy at a Hybrid IoT proxy", *IEEE Int. Conf. Communications ICC 2018*, Kansas City, MO, May 2018.

P.37   M. Z. Ali, J. Mišić, and V. B. Mišić. "Access Point controlled MAC (A-MAC) protocol for uplink multi-user transmission in IEEE 802.11ac", *GlobeCom 2017*, Singapore, December 2017.

P.38   J. Mišić, V. B. Mišić, and F. Banaie. "Reliable and scalable data acquisition from IoT domains", *GlobeCom 2017*, Singapore, December 2017.

P.39   V. B. Mišić, J. Mišić, and F. Banaie. "Towards Efficient Monitoring in a Sensor Cloud", *IEEE Int. Symp. Personal, Indoor and Mobile Radio Communications (PIMRC'17)*, Montreal, Canada, October 2017.

P.40   M. Z. Ali, J. Mišić, and V. B. Mišić. "An RSU controlled IEEE 802.11ac based MAC protocol for Multi-vehicle uplink transmission in VANET", *Vehicular Technology Conference VTC-Fall 2017*, Toronto, ON, September 2017.

P.41   J. Mišić, V. B. Mišić, and F. Banaie. "Performance of data caching in cloud sensing", *Vehicular Technology Conference VTC-Fall 2017*, Toronto, ON, September 2017.

P.42   Md. M. Rahman, J. Mišić, and V. B. Mišić. "Inter-piconet communications in cognitive personal area networks with prioritized exchange of synchronization information", *International Wireless Communications and Mobile Computing Conference (IWCMC 2017),* Valencia, Spain, June 2017.

P.43   M. Z. Ali, J. Mišić, and V. B. Mišić. "Evaluation of MU-TXOP sharing probabilities in IEEE 802.11ac", *IEEE ICC 2017*, Paris, France, May 2017

P.44   Md. M. Rahman, J. Mišić, and V. B. Mišić. "Group Joining Time for Cognitive Personal Area Networks (CPANs) with Independent Node Arrivals", *IEEE ICC 2017*, Paris, France, May 2017.

P.45   J. Mišić, V. B. Mišić, and M. Z. Ali.   "Explicit power ramping during random access in LTE/LTE-A", *IEEE Wireless Communications and Networking Conference (WCNC 2017)*, San Francisco, CA, March 2017 (Best Paper Award in the MAC track).

P.46   J. Mišić, M. S. I. Khan, and V. B. Mišić. "Recharge interval and packet delay in wireless sensor network with RF recharging", *GlobeCom 2016*, Washington, DC, December 2016.

P.47   J. Mišić and V. B. Mišić. "To shout or not to shout: performance of power ramping during random access in LTE/LTE-A", *GlobeCom 2016*, Washington, DC, December 2016.

P.48   N. Khan, J. Mišić and V. B. Mišić "Priority based VM2M communications over LTE", *IEEE CAMAD 2016*, Toronto, ON, Canada, October 2016.

P.49   J. Mišić and V. B. Mišić. "Towards an M2M overlay network on PRACH in LTE/LTE-A", *Vehicular Technology Conference VTC-Fall 2016*, Montreal, QC, September 2016.

P.50   N. Khan, J. Mišić, and V. B. Mišić. "Tradeoffs in PRACH bandwidth partitioning for VM2M overlay network in LTE", *Vehicular Technology Conference VTC-Fall 2016*, Montreal, QC, September 2016.

P.51   V. B. Mišić, J. Mišić, and M. S. I. Khan. "Optimum Zoning in RF-Recharged Sensor Networks", *Vehicular Technology Conference VTC-Fall 2016*, Montreal, QC, September 2016.

P.52   H. Tavakoli, J. Mišić, and V. B. Mišić. "Lifetime of a Linear IEEE 802.15.4 Sensor Field with Randomized Sleep and Bridge Rotation", *International Wireless Communications and Mobile Computing Conference (IWCMC 2016)*, Paphos, Cyprus, September 2016

P.53   N. Khan, J. Mišić, and V. B. Mišić. "VM2M: An Overlay Network to Support Vehicular Traffic over LTE", *International Wireless Communications and Mobile Computing Conference (IWCMC 2016)*, Paphos, Cyprus, September 2016

P.54   Z. Hammook, J. Mišić, and V. B. Mišić. "Student/Supervisor Collaboration and Usage Patterns of Publications Available on ResearchGate", *IEEE Wireless Communications and Networking Conference (WCNC 2016)*, Doha, Qatar, April 2016.

P.55   Z. Hammook, J. Mišić, and V. B. Mišić. "Crawling researchgate.net to Measure Student/Supervisor Collaboration", *IEEE GlobeCom 2015*, San Diego, CA, December 2015.

P.56   J. Mišić, Md. M. Rahman, and V. B. Mišić. "Prioritized Access in a Channel-Hopping Cognitive Network", *IEEE GlobeCom 2015*, San Diego, CA, December 2015.

P.57   M. S. I. Khan, J. Mišić, and V. B. Mišić. "Zoning based MAC with support for recharging process in WSN", *IEEE GlobeCom 2015*, San Diego, CA, December 2015.

P.58   Md. M. Rahman, J. Mišić, and V. B. Mišić. "Two-way Communications in Cognitive Personal Area Networks", *The 18th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM 2015)*, Cancún, Mexico, November 2015.

P.59   H. Khojasteh, J. Mišić, and V. B. Mišić. "Task Filtering as a Task Admission Control Policy in Cloud Server Pools", *International Wireless Communications and Mobile Computing Conference (IWCMC 2015)*, Dubrovnik, Croatia, August 2015.

P.60   J. Mišić, Md. M. Rahman, and V. B. Mišić. "Priority Differentiation in Cognitive Radio Networks", *INFOCOM 2015* (CD-ROM), Hong Kong, China, April 2015.

P.61   Md. M. Rahman, J. Mišić, and V. B. Mišić. "Performance of Bridging in Cognitive Wireless Personal Area Networks", *2015 IEEE Wireless Communications and Networking Conference (WCNC)*, New Orleans, LA, March 2015.

P.62   M. S. I. Khan, J. Mišić, and V. B. Mišić. "A Polling MAC with Reliable RF Recharging of Sensor Nodes", *2015 IEEE Wireless Communications and Networking Conference (WCNC)*, New Orleans, LA, March 2015.

P.63   H. Khojasteh, J. Mišić, and V. B. Mišić. "Task admission control for cloud server pools", *2015 IEEE Wireless Communications and Networking Conference (WCNC)*, New Orleans, LA, March 2015.

P.64   M. S. I. Khan, J. Mišić, and V. B. Mišić. "MAC protocol for wireless sensor networks with on-demand RF recharging of sensor nodes", *2015 International Conference on Computing, Networking and Communications* (Invited Position Paper), Anaheim, CA, February 2015.

P.65   J. Mišić, M. S. I. Khan, and V. B. Mišić. "Performance of simple polling MAC with wireless re-charging in the presence of noise", *The 17th ACM Int. Conf. on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM'14)*, Montreal, QC, Canada, September 2014.

P.66   V. B. Mišić and J. Mišić. "A Polling MAC for Wireless Sensor Networks with RF Recharging of Sensor Nodes", *27th Queen's Biennial Symposium on Communications*, Kingston, ON, Canada, June 2014.

P.67   M. S. I. Khan, Md. M. Rahman, K. Raahemifar, J. Mišić, and V. B. Mišić. "Self-Optimizing Control Parameters for Minimizing Ping Pong Handover in LTE", *27th Queen's Biennial Symposium on Communications*, Kingston, ON, Canada, June 2014.

P.68   N. Beigi Mohammadi, J. Mišić, H. Khazaei, and V. B. Mišić. "An Intrusion Detection System for Smart Grid Neighborhood Area Network", *IEEE Int. Conf. on Communications ICC 2014*, Sydney, Australia, June 2014.

P.69   H. Khojasteh, J. Mišić, and V. B. Mišić. "Analyzing the Impact of Provisioning Overhead Time in Cloud Computing Centers", *Canadian Conference on Electrical and Computer Engineering*, Toronto, ON, Canada, May 2014.

P.70   H. Khojasteh, J. Mišić, and V. B. Mišić. "Characterizing energy consumption of IaaS clouds in non-saturated operation", *IEEE INFOCOM workshop on Mobile Cloud Computing*, Toronto, ON, Canada, April 2014.

P.71   J. Mišić and V. B. Mišić. "Probability Distribution of Spectral Hole Duration in Cognitive Networks", *INFOCOM 2014* (CD-ROM), Toronto, ON, April-May 2014.

P.72   J. Mišić and V. B. Mišić. "The Impact of Primary User Activity on the Performance of Sequence-Based Rendezvous", *GlobeCom 2013* (CD-ROM), Atlanta, GA, December 2013.

P.73   J. Mišić and V. B. Mišić. "On the Duration of Blackouts Due to Primary User Activity in Cognitive Networks", *GlobeCom 2013* (CD-ROM), Atlanta, GA, December 2013.

P.74   H. Khazaei, J. Mišić, and V. B. Mišić. "Performance of an IaaS Cloud with Live Migration of Virtual Machines", *GlobeCom 2013* (CD-ROM), Atlanta, GA, December 2013.

P.75   H. Tavakoli, J. Mišić, M. Naderi, and V. B. Mišić. "Lifetime Properties in Cluster-Based IEEE 802.15.4 WSNs", *VTC2013-Fall: 2013 IEEE 78th Vehicular Technology Conference*, Las Vegas, NV, September 2013 (shortlisted for Best Paper Award).

P.76   J. Mišić, V. B. Mišić, M. S. I. Khan, and Md. M. Rahman. "Properties of Blind Rendezvous in Channel Hopping Cognitive Piconets", *VTC2013-Fall: 2013 IEEE 78th Vehicular Technology Conference*, Las Vegas, NV, September 2013 (shortlisted for Best Paper Award).

P.77   H. Khazaei, J. Mišić, V. B. Mišić, and N. Beigi Mohammadi. "Modeling the Performance of Heterogeneous IaaS Cloud Centers*", The 3rd international workshop on Data Center Performance DCPerf 2013*, Philadelphia, PA, July 2013.

P.78   H. Tavakoli, J. Mišić, M. Naderi, and V. B. Mišić. "Energy-Efficient Clustering in IEEE 802.15.4 Wireless Sensor Networks", *The Tenth Workshop on Wireless Ad hoc and Sensor Networks WWASN2013*, Philadelphia, PA, July 2013.

P.79   J. Mišić, V. B. Mišić, and M. S. I. Khan. "On the Selection of Working Channels in a Channel-Hopping Cognitive PAN", *The 9th Int. Wireless Communications and Mobile Computing Conference IWCMC 2013*, Cagliari, Sardinia, Italy, July 2013.

P.80   H. Tavakoli, J. Mišić, M. Naderi, and V. B. Mišić. "Interaction of Clustering Period and Event Sensing Reliability in IEEE 802.15.4 Based WSNs", *The 9th Int. Wireless Communications and Mobile Computing Conference IWCMC 2013*, Cagliari, Sardinia, Italy, July 2013.

P.81   J. Mišić and V. B. Mišić. "Recovery Using Backup Channels in Channel-Hopping Cognitive Networks", *WiSARN-Spring 2013: The 7th International Workshop on Wireless Sensor, Actuator and Robot Networks,* Cambridge, MA, May 2013.

P.82   H. Khazaei, J. Mišić, V. B. Mišić, and N. Beigi-Mohammadi. "Availability Analysis of Cloud Computing Centers", *GlobeCom 2012* (CD-ROM), Anaheim, CA, December 2012.

P.83   S. Biswas, J. Mišić, and V. B. Mišić. "DDoS Attack on WAVE-enabled VANET Through Synchronization", *GlobeCom 2012* (CD-ROM), Anaheim, CA, December 2012.

P.84   S. Öztürk, J. Mišić and V. B. Mišić. "Capacity Limits in a Variable Duty Cycle IEEE 802.11p-Based VANET", *International Wireless Communications and Mobile Computing Conference (IWCMC 2012)*, Limassol, Cyprus, August 2012.

P.85   H. Khojasteh, J. Mišić, and V. B. Mišić. "Two-Tier Integrated RFID/Sensor Network with a WiFi WLAN", *International Wireless Communications and Mobile Computing Conference (IWCMC 2012)*, Limassol, Cyprus, August 2012.

P.86   V. B. Mišić, J. Mišić, X. D. Lin, and D. Nerandžić. "Capillary Machine-to-Machine Communications: The Road Ahead", *11th International Conference on Ad Hoc Networks and Wireless AdHocNow*, Belgrade, Serbia, July 2012.

P.87   N. Khan, J. Mišić, V. B. Mišić, and L. Karim. "Providing QoS in the integration of RFID and Wi-Fi WLAN", *11th International Conference on Ad Hoc Networks and Wireless AdHocNow*, Belgrade, Serbia, July 2012.

P.88   V. B. Mišić, J. Mišić, and D. Nerandžić. "Extending LTE to Support Machine-Type Communications", *IEEE Int. Conf. on Communications ICC 2012 – Workshop on Telecommunications: From Research to Standards (T2S)*, Ottawa, ON, June 2012.

P.89   J. Mišić, S. Rashwand, and V. B. Mišić. "MAC Performance Modeling of IEEE 802.15.6-based WBANs over Rician-faded channels", *IEEE Int. Conf. on Communications ICC 2012*, Ottawa, ON, Canada, June 2012.

P.90   J. Mišić, N. Khan, H. Khojasteh, and V. B. Mišić. "Towards an efficient rendezvous protocol for a cognitive PAN", *IEEE Int. Conf. on Communications ICC 2012*, Ottawa, ON, Canada, June 2012.

P.91   J. Mišić, H. Khojasteh, N. Khan, and V. B. Mišić. "CSCD: a simple channel scan protocol to discover and join a cognitive PAN", *WCNC 2012*, Paris, France, June 2012.

P.92   H. Khazaei, J. Mišić, and V. B. Mišić. "Performance Analysis of Cloud Centers under Burst Arrivals and Total Rejection Policy", *GlobeCom 2011* (CD-ROM), Houston, TX, December 2011.

P.93   J. Mišić and V. B. Mišić. "Performance of Simple Cognitive Personal Area Networks with Finite Buffers", *The 7th Int. Wireless Communications and Mobile Computing Conference IWCMC 2011*, Istanbul, Turkey, July 2011.

P.94   S. Öztürk, J. Mišić and V. B. Mišić. "Video communications over IEEE 802.11p using single channel devices", *The 7th Int. Wireless Communications and Mobile Computing Conference IWCMC 2011*, Istanbul, Turkey, July 2011.

P.95   S. Biswas, J. Mišić, and V. B. Mišić. "ID-based Safety Message Authentication for Security and Trust in Vehicular Networks", *Eighth Workshop on Wireless Ad hoc and Sensor Networks WWASN 2011*, Minneapolis, MN, June 2011.

P.96   H. Khazaei, J. Mišić, and V. B. Mišić. "Modelling of Cloud Computing Centers Using $M/G/m$ Queues", *The first international workshop on Data Center Performance DCPerf 2011*, Minneapolis, MN, June 2011.

P.97   J. Mišić and V. B. Mišić. "Characterization of idle periods in IEEE 802.11e networks", *IEEE Wireless Communications & Networking Conference WCNC 2011*, Cancun, Mexico, March 2011.

P.98   V. B. Mišić and J. Mišić. "Cognitive MAC Protocol with Transmission Tax: Dynamically Adjusting Sensing and Data Performance'", *GlobeCom 2010* (CD ROM), Miami, FL, December 2010.

P.99   J. Mišić, G. Badawy, S. Rashwand, and V. B. Mišić. "Tradeoff issues for CCH/SCH duty cycle for IEEE 802.11p single channel devices", *GlobeCom 2010* (CD ROM), Miami, FL, December 2010.

P.100   H. Khazaei, J. Mišić, and V. B. Mišić. "Performance analysis of Cloud Computing Centers", *7th International ICST Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness QShine 2010*, Houston, TX, November 2010.

P.101   V. B. Mišić and J. Mišić. "Performance of G-Limited Scheduling in a Cognitive MAC with Transmission Tax", *The 6th Int. Wireless Communications and Mobile Computing Conference IWCMC 2010*, Caen, France, June 2010 (Best Paper of the Conference award).

P.102   H. Khazaei, J. Mišić, and V. B. Mišić. "Mobile Software Agents for Wireless Network Mapping and Dynamic Routing", *Seventh Workshop on Wireless Ad hoc and Sensor Networks (WWASN2010)*, Genoa, Italy, June 2010.

P.103   V. B. Mišić and J. Mišić. "Performance of Sensing-after-Transmission Policy in Cognitive Personal Area Networks", *25th Queen's Biennial Symposium on Communications*, Kingston, ON, May 2010.

P.104   J. Mišić and V. B. Mišić. "Controlling sensing error for cognitive PANs with 1-limited packet scheduling", *IEEE Int. Conf. Communications ICC 2010*, Cape Town, South Africa, May 2010.

P.105   J. Mišić, S. Rashwand, and V. B. Mišić. "Stability boundaries between non-saturation and saturation regimes for IEEE 802.11e EDCA", *IEEE Int. Conf. Communications ICC 2010*, Cape Town, South Africa, May 2010.

P.106   V. B. Mišić and J. Mišić. "Performance of a Cognitive MAC Protocol with Transmission Tax", *IEEE INFOCOM-2010 Workshop on Cognitive Wireless Communications and Networking*, San Diego, CA, March 2010.

P.107   J. Mišić and V. B. Mišić. "Simple and Efficient MAC for Cognitive Wireless Personal Area Networks", *IEEE GlobeCom 2009* (CD-ROM), Honolulu, HI, December 2009.

P.108   J. Mišić and V. B. Mišić. "Trading Delay for Fairness in MAC design for Cognitive Personal Area Networks", *IEEE GlobeCom 2009* (CD-ROM), Honolulu, HI, December 2009.

P.109   M. Boyer and V. B. Mišić. "Generic Patterns: Bridging the Contextual Divide", *3rd International Workshop on Software Patterns and Quality (SPAQu'09)*, Orlando, FL, October 2009.

P.110   S. Rashwand, J. Mišić, V. B. Mišić, S. Biswas, and Md. M. Haque. "A Novel Asynchronous, Energy Efficient, Low Transmission Delay MAC Protocol for Wireless Sensor networks", *Sixth Workshop on Wireless Ad hoc and Sensor Networks (WWASN2009)*, Montreal, QC, June 2009.

P.111   V. B. Mišić and J. Mišić. "Variable Probability Modulation Policies for Sensing in Cognitive PANs", *International Wireless Communications and Mobile Computing Conference (IWCMC 2009)*, Leipzig, Germany, June 2009.

P.112   J. Mišić and V. B. Mišić. "Sensing after Transmission in Cognitive Wireless Personal Area Networks", *2009 Joint Workshop on Cognitive Wireless Networks and Systems – Cognitive Radio Networking (CogWiNet'09)*, Dresden, Germany, June 2009.

P.113   J. Mišić and V. B. Mišić. "Tradeoff between CPAN Size and the Number of Working Channels", *GlobeCom 2008* (CD-ROM), New Orleans, LA, December 2008.

P.114   V. B. Mišić and J. Mišić. "Reducing Sensing Error in Cognitive PANs through Modulation of Sensing Probability", *GlobeCom 2008* (CD-ROM), New Orleans, LA, December 2008.

P.115   J. Mišić and V. B. Mišić. "Making the Best of Limited Resources: Differential Sensing in Cognitive PANs", *The 11-th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM 2008)*, Vancouver, BC, October 2008.

P.116   J. Mišić and V. B. Mišić. "Differential Sensing Under Varying Primary Activity Factor in CPANs", *International Wireless Communications and Mobile Computing Conference (IWCMC 2008)*, Crete Island, Greece, August 2008.

P.117   M. A. I. Khair, V. B. Mišić, and J. Mišić. "Adaptive Bandwidth Allocation in an 802.15.3 Master-Slave Bridge," *International Wireless Communications and Mobile Computing Conference (IWCMC 2008)*, Crete Island, Greece, August 2008.

P.118   J. Mišić and V. B. Mišić.   "Reducing Sensing Error in Cognitive PANs Through Differential Sensing", *International Conference on Quality of Service in Heterogeneous Wired/Wireless Networks QShine 2008*, Hong Kong, July 2008.

P.119   V. B. Mišić and J. Mišić.   "Performance of Incomplete Channel Sensing for Frequency Hopping Cognitive Personal Area Networks", *Fifth Workshop on Wireless Ad hoc and Sensor Networks (WWASN2008)*, Beijing, China, June 2008.

P.120   J. Mišić and V. B. Mišić. "The Impact of Inaccurate Sensing Information in Cognitive Wireless Personal Area Networks", *Second IEEE CogNet 2008 Workshop*, Beijing, China, May 2008.

P.121   J. Mišić and V. B. Mišić. "Sensor Pooling for Differential Sensing of Active and Idle Channels in Cognitive WPANs", *Third International Conference on Cognitive Radio Oriented Wireless Networks and Communications CROWNCOM 2008*, Singapore, May 2008.

P.122   J. Mišić and V. B. Mišić. "Lifetime equalization with key exchanges in IEEE 802.15.4 networks", *GlobeCom 2007* (CD-ROM), Washington, DC, November 2007.

P.123   J. Mišić and V. B. Mišić. "The Cost of Secure and Reliable Sensing in 802.15.4 Networks", *Int. Conf. on Heterogeneous Networking for Quality, Reliability, Security and Robustness QShine2007*, Vancouver, BC, August 2007.

P.124   V. B. Mišić and J. Begum. "Evaluating the Feasibility of Traffic-Based Intrusion Detection in an 802.15.4 Sensor Cluster", *The IEEE 21st International Conference on Advanced Information Networking and Applications (AINA-07)*, Niagara Falls, ON, May 2007.

P.125   V. B. Mišić and J. Begum. "Simple Intrusion Detection in an 802.15.4 Sensor Cluster", *International Conference on Telecommunications and Networking (TeNe 06)*, Bridgeport, CT, December 2006.

P.126   V. B. Mišić. "Teaching the new dogs old tricks: reusing existing knowledge for service oriented systems", *International Workshop on Conceptual Modeling of Service-Oriented Software Systems CoSS2006*, pp. 203-205, Tucson, AZ, November 2006.

P.127   F. G. Olumofin and V. B. Mišić. "Preserving Architectural Knowledge Through Domain-Specific Modeling", *6th OOPSLA Workshop on Domain-Specific Modeling*, Portland, OR, October 2006.

P.128   M. Khan, F. Amini, J Mišić, and V. B. Mišić. "The Cost of Security: Performance of ZigBee Key Exchange Mechanism in an 802.15.4 Beacon Enabled Cluster", *Proc 3rd IEEE International Conference on Mobile ad-hoc and Sensor Systems MASS2006 (WSNS'06 workshop)*, Vancouver, BC, October 2006.

P.129   D. Ibrahim and V. B. Mišić. "Service Views: a Coherent View Model of the SOA in the Enterprise", *2006 IEEE International Conference on Services Computing (SCC 2006)*, pp. 230-237, Chicago, IL, September 2006.

P.130   J. Mišić, C. J. Fung, and V. B. Mišić. "Network lifetime equalization in interconnected 802.15.4 clusters", *Third International Conference on Quality of Service in Heterogeneous Wired/Wireless Networks (QShine 2006)*, Waterloo, ON, August 2006.

P.131   J. Mišić, S. Shafi, and V. B. Mišić. "Admission Control in 802.15.4 Beacon-Enabled Clusters", *International Wireless Communications and Mobile Computing Conference IWCMC 2006,* Vancouver, BC, July 2006.

P.132   J. Mišić and V. B. Mišić. "Wireless Sensor Networks for Clinical Information Systems: A Security Perspective", *Workshop on Wireless Ad hoc and Sensor Networks 2006*, Lisbon, Portugal, July 2006.

P.133   J. Mišić, C. J. Fung, and V. B. Mišić. "Interconnecting 802.15.4 clusters in slotted CSMA-CA mode", *2006 IEEE International Conference on Communications ICC 2006*, Istanbul, Turkey, June 2006.

P.134   D. Ibrahim and V. B. Mišić. "From 8x5 to 24x7: enterprise integration through SOA and ETL", *Global Integration Summit*, Boston, MA, May 2006.

P.135   J. Mišić, C. J. Fung, and V. B. Mišić. "On Bridge Residence Times in Master-Slave Connected 802.15.4 Clusters", IEEE *Second International Workshop on Heterogeneous Wireless Sensor Networks HWISE2006*, Vienna, Austria, April 2006.

P.136   V. B. Mišić and M. W. Rennie. "Describing the Architecture of Service-Oriented Systems", *Proc. First International Workshop on Design of Service-Oriented Applications WDSOA'05*, IBM Research Report RC23819 (W0512-029), pp. 9-16, Amsterdam, The Netherlands, December 2005.

P.137   V. B. Mišić. "Service Selection should be Trust- and Reputation-Based", *Int. Conf. on Systems, Computing Sciences and Software Engineering (SCS2 05)*, pp. 359-364, Bridgeport, CT, December 2005.

P.138   J. Mišić, J. Fung, and V. B. Mišić. "Interconnecting 802.15.4 clusters in master-slave mode: queueing theoretic analysis", *Eighth Int. Symp. of Parallel Architectures, Algorithms and Networks (I-SPAN 2005)*, workshop on Heterogeneous Wireless Ad Hoc and Sensor Networks, pp. 378-385, Las Vegas, NV, December 2005.

P.139   F. G. Olumofin and V. B. Mišić. "Quality-Driven Conformance Checking in Product Line Architectures", *Workshop on Reengineering towards Product Lines (R2PL 2005)*, Pittsburgh, PA, November 2005.

P.140   V. B. Mišić, J. Fung, and J. Mišić. "MAC Layer Security of 802.15.4-Compliant Networks", *Proc. 2nd IEEE International Conference on Mobile Ad-hoc and Sensor Systems (WSNS'05 workshop)*, pp. 847-854, Washington, DC, November 2005.

P.141   F. G. Olumofin and V. B. Mišić. "Extending the ATAM Architecture Evaluation to Product Line Architectures", *5th Working IEEE/IFIP Conference on Software Architecture WICSA2005*, pp. 45-56, Pittsburgh, PA, November 2005.

P.142   J. Mišić, S. Shafi, and V. B. Mišić. "Activity Management through Bernoulli Scheduling in 802.15.4 Sensor Clusters", *BroadNets 2005 Wireless Networking Symposium*, Boston, MA, October 2005.

P.143   V. B. Mišić. "Perceptions of Extreme Programming: A Pilot Study", *IEEE International Engineering Management Conference 2005 (IEMC 2005)*, pp. 307-312, St. John's, NL, Canada, September 2005.

P.144   J. Mišić, S. Shafi, and V. B. Mišić. "Maintaining Reliability through Activity Management in 802.15.4 Sensor Networks", *Proc. The Second International Conference on Quality of Service in Heterogeneous Wired/Wireless Networks QShine 2005*, Orlando, FL, August 2005.

P.145   V. B. Mišić, J. Begum, and J. Mišić. "MAC Layer Security Issues in 802.15.4 Sensor Networks", *Proc Workshop on Wireless Networks and Communications Systems WiNCS'05*, pp. 550-555, Philadelphia, PA, July 2005.

P.146   J. Mišić, G. R. Reddy, and V. B. Mišić. "Congestion control through activity management in Bluetooth sensor networks", *Proc. Workshop on Wireless Networks and Communications Systems WiNCS'05*, pp. 283-291, Philadelphia, PA, July 2005.

P.147   J. Mišić, S. Shafi, and V. B. Mišić. "Avoiding the Bottlenecks in the MAC Layer in 802.15.4 Low Rate WPAN", *Proc. First International Workshop on Heterogeneous Wireless Sensor Networks HWISE2005* (*Proceedings*

11th International Conference on Parallel and Distributed Systems Workshops, ICPADS 2005, vol. 2), pp. 363-367, Fukuoka, Japan, July 2005 (Best Paper of the Workshop award).

P.148   J. Mišić, V. B. Mišić, and G. R. Reddy. "On the performance of Bluetooth scatternets with finite buffers", *Proc. WWAN 2005 International Workshop on Wireless Ad Hoc Networking (ICDCS'05 Workshops)*, pp. 865-870, Columbus, OH, June 2005.

P.149   J. Mišić, S. Shafi, and V. B. Mišić. "Modeling a beacon enabled IEEE 802.15.4 cluster with bidirectional traffic", *Proc. 4th International IFIP TC6 Networking Conference NETWORKING 2005*, pp. 228-239, Waterloo, Ontario, May 2005.

P.150   J. Mišić, K. L. Chan, and V. B. Mišić. "TCP Traffic In Bluetooth 1.2: Performance and Dimensioning of Flow Control", *Proc. IEEE Wireless Communications & Networking Conference WCNC 2005*, vol. 3, pp. 1798-1804, New Orleans, LA, March 2005.

P.151   V. B. Mišić**,** D. Ibrahim, and M. W. Rennie. "Towards Community-Based Web Service Discovery and Selection", *Proc. Web Services Workshop MWSW05*, Montréal, Québec, January 2005.

P.152   V. B. Mišić and D. Ibrahim. "A Quality Evaluation Framework for Web Service Architectures", *Proc. Montréal Conference on e-Technologies MCeTech 2005*, pp. 87–94, Montréal, Québec, January 2005.

P.153   J. Mišić and V. B. Mišić. "Queueing analysis of 802.15.4 beacon enabled PAN", *Proc. IEEE/ACM First International Workshop on Broadband Wireless Services and Applications BroadWISE 2004* (CD-ROM), San Jose, CA, October 2004.

P.154   J. Mišić, V. B. Mišić, and S. Shafi. "Performance of IEEE 802.15.4 beacon enabled PAN with uplink transmissions in non-saturation mode – access delay for finite buffers", *Proc. First Annual International Conference on Broadband Networks BroadNets 2004*, pp. 416-425, San Jose, CA, October 2004.

P.155   J. Mišić and V. B. Mišić. "Performance of Bluetooth piconets with finite buffers", *Proc. First International Conference on Quality of Service in Heterogeneous Wired/Wireless Networks QShine 2004*, pp. 282-289, Dallas, TX, October 2004.

P.156   J. Mišić, S. Shafi, and V. B. Mišić. "Performance of 802.15.4 beacon enabled PAN in saturation mode", *Proc. Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2004*, pp. 535-542, San Jose, CA, July 2004.

P.157   J. Mišić, V. B. Mišić, and K. L. Chan. "Analysis of loosely coupled scatternets", *Proc. Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2004*, pp. 543-552, San Jose, CA, July 2004.

P.158   V. B. Mišić, H. Gevaert, and M. Rennie. "Extreme Dynamics: Modeling the Extreme Programming Software Development Process", *Proc. ProSim'04 workshop*, pp. 237-242, Edinburgh, Scotland, May 2004.

P.159   J. Mišić and V. B. Mišić. "Bluetooth Master/Slave Bridge Scheduling with and without Rendezvous Points", *WWAN 2004 International Workshop on Wireless Ad Hoc Networking*, pp. 742-747, Tokyo, Japan, March 2004.

P.160   K. L. Chan, V. B. Mišić, and J. Mišić. "Efficient Polling Schemes for Bluetooth Picocells Revisited", *Proc. HICSS-37* Minitrack on Wireless Personal Area Networks (CD-ROM), Hawaii, January 2004.

P.161   V. B. Mišić, E. W. S. Ko, and J. Mišić. "Load and QoS-Adaptive Scheduling in Bluetooth Piconets", *Proc. HICSS-37* Minitrack on Quality of Service Issues in Mobile and Wireless Networks (CD-ROM), Hawaii, January 2004.

P.162   V. B. Mišić, J. Mišić, and K. L. Chan. "Improving the performance of Bluetooth piconets with synchronous and asynchronous traffic", *Proc. GlobeCom 2003*, Vol. 1, pp. 205-209, San Francisco, CA, December 2003.

P.163   J. Mišić, V. B. Mišić, and K. L. Chan. "E-limited scheduling in Bluetooth piconets: performance and admission control", *Proc. IEEE Vehicular Technology Conference VTC'2003 (Fall)* (CD-ROM), Orlando, FL, October 2003.

P.164   V. B. Mišić, E. W. S. Ko, and J. Mišić. "Adaptive Cycle-limited Scheduling Scheme for Bluetooth Piconets", *IEEE PIMRC'03*, Beijing, vol. 2, pp. 1064-1068, September 2003.

P.165   V. B. Mišić, J. Mišić, and K. L. Chan. "Load Adaptive Inter-Piconet Scheduling: A Simulation Study", *Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2003*, Montréal, Quebec, Canada, pp. 159-165, July 2003.

P.166   J. Mišić, V. B. Mišić, and K. L. Chan. "Pseudo-synchronous connections in Bluetooth piconets", *Wireless 2003*, Calgary, Alberta, Canada, Vol. 1, pp. 142-148, July 2003.

P.167   V. B. Mišić.   "Measuring the Coherence of Software Product Line Architectures", *Proc. 2003 International Conference on Software Engineering Research and Practice SERP'03*, Las Vegas, NV, Vol. II, pp. 360-364, June 2003.

P.168   J. Mišić and V. B. Mišić. "Adaptive Management of Bluetooth Master/Slave Bridge", *Proc. Workshop on Energy-Efficient Wireless Communications and Networks EWCN 2003*, Phoenix, AZ, April 2003.

P.169   J. Mišić and V. B. Mišić. "Adaptive Management of Bluetooth Slave/Slave Bridge", *Proc. WiOpt'03: Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks*, Sophia-Antipolis, France, pp. 243-252, March 2003.

P.170   V. B. Mišić and J. Mišić.   "Performance of Bluetooth Bridges in Scatternets With Exhaustive Service Scheduling", *Proc. HICSS36* (CD-ROM), minitrack on Wireless LANs and PANs, Hawaii, January 2003.

P.171   J. Mišić, Y K. Tang, and V. B. Mišić. "Maintaining Handoff QoS in TD-CDMA networks", *Proc. HICSS36* (CD-ROM), minitrack on Quality of Service in Wireless and Mobile Networks, Hawaii, January 2003.

P.172   V. B. Mišić and J. Mišić.   "Queueing Analysis of Delays in Bluetooth Slave/Slave Bridge", *Proc. IEEE/ACM MASCOTS 2002 – The Tenth International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems*, Fort Worth, TX, pp. 155-158, October 2002.

P.173   V. B. Mišić and J. Mišić.   "Minimizing End-to-End Delays in Bluetooth Scatternet with a Slave/Slave Bridge", *Proc. 11th International Conference on Computer Communications and Networks ICCCN'02*, Miami, FL, pp. 634-639, October 2002.

P.174   V. B. Mišić and J. Mišić. "Bluetooth Scatternet With A Master/Slave Bridge: A Queueing Theoretic Analysis", *Proc. IEEE GlobeCom 2002*, Taipei, Taiwan, Vol. 1, pp. 207-11, November 2002.

P.175   J. Mišić, V. B. Mišić, and Y. K. Tang.   "Connecting physical layer and networks layer QoS in DS-CDMA networks – multiple traffic case", *Proc. IEEE GlobeCom 2002*, Taipei, Taiwan, Vol. 1, pp. 814-818, November 2002.

P.176   J. Mišić and V. B. Mišić. "On Delay Times in A Bluetooth Piconet: The Impact of Different Scheduling Policies", *Proc. Eurasia-ICT2002*, pp. 891-898, Shiraz, Iran, October 2002 (published by Springer-Verlag, Berlin, Germany, LNCS 2510).

P.177   V. B. Mišić and J. Mišić. "On Bluetooth Piconet Traffic Performance", *Proc. IEEE PIMRC 2002*, Vol. 1, pp. 501-505, Lisbon, Portugal, September 2002.

P.178   J. Mišić and V. B. Mišić. "Queueing analysis of Bluetooth piconet traffic", *Proc. Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2002*, pp. 545-552, San Diego, CA, July 2002

P.179   J. Mišić and V. B. Mišić. "Connecting physical layer and network layer QoS in DS-CDMA networks – single traffic type case", *Proc. Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2002*, pp. 592-599, San Diego, CA, July 2002.

P.180   V. B. Mišić. "I can't print the notes: student attitudes towards online learning", *Proc. First Teaching & Learning Symposium*, pp. 86-92, Hong Kong, China, December 2001.

P.181   V. B. Mišić. "Cohesion is structural, coherence is functional: different views, different measures", *Proc. 7th International Software Metrics Symposium*, pp. 135-144, London, UK, April 2001.

P.182   V. B. Mišić. "Coherence equals cohesion – or does it?" *Proc. 7th Asia Pacific Software Engineering Conference APSEC 2000*, pp. 465-469, Singapore, December 2000.

P.183   V. B. Mišić and J. L. Zhao. "Evaluating the quality of reference models", *Proc. 19th Conference on Conceptual Modeling ER2000*, pp. 484-498, Salt Lake City, UT, October 2000.

P.184   V. B. Mišić and J. L. Zhao. "Reference models for electronic commerce", *Proc. 9th Hong Kong Computer Society Database Conference – Database and Electronic Commerce*, pp. 199-209, Hong Kong, May 1999.

P.185   J. L. Zhao, H. J. Lu, and V. B. Mišić. "Towards electronic commerce management systems: concepts and architecture", *Proc. First International Conference on Telecommunications and Electronic Commerce*, Nashville, TN, November 1998.

P.186   V. B. Mišić and D. N. Tešić. "Downsizing the estimation of software quality: a small object-oriented case study", *Proc. 27th Conference on Technology of Object-Oriented Languages and Systems TOOLS Asia*, pp. 308-317, Beijing, China, September 1998.

P.187   V. B. Mišić, S. T. Chanson, and S. C. Cheung. "Towards a framework for testing distributed multimedia software systems", *Proc. International Symposium on Parallel and Distributed Software Engineering PDSE'98*, pp. 72-81, Kyoto, Japan, April 1998.

P.188   S. Moser and V. B. Mišić. "Measuring class coupling and cohesion: a formal metamodel approach", *Proc. 4th Asia Pacific Software Engineering Conference APSEC'97*, pp. 31-40, Hong Kong, December 1997.

P.189   S. Moser, B. Henderson-Sellers, and V. B. Mišić. "Measurement of object-oriented business models for effort estimation", *Proc. 25th Conference on Technology of Object-Oriented Languages and Systems TOOLS Pacific*, pp. 307-316, Melbourne, Victoria, Australia, November 1997.

P.190   V. B. Mišić and S. Moser. "Formal approach to metamodeling: a generic object-oriented perspective", *Proc. 16th Conference on Conceptual Modeling ER'97*, pp. 243-256, Los Angeles, CA, November 1997.

P.191   V. B. Mišić and S. Moser. "From formal metamodels to metrics: an object-oriented approach." *Proc. 24th Conference on Technology of Object-Oriented Languages and Systems TOOLS Asia*, pp. 413-422, Beijing, China, September 1997.

P.192   M. Andrić and V. B. Mišić. "Extracting the data model from an existing database schema", *Proc. Fifteenth IASTED International Conference on Applied Informatics AI'97*, pp. 177-180, Innsbruck, Austria, February 1997.

P.193   M. Andrić and V. B. Mišić. "Implementation of some techniques for reverse engineering in the magiCASE/RE toolkit" (in Serbian language). *Proc. XXXX Yugoslav Conference of ETRAN*, Budva, Yugoslavia, June 1996.

P.194   D. N. Tešić and V. B. Mišić. "Estimation of development costs for object-oriented software systems" (in Serbian language). *Proc. YU INFO 96*, Brezovica, Yugoslavia, April 1996.

P.195   M. Andrić and V. B. Mišić. "Reengineering COBOL data models" (in Serbian language). *Proc. YU INFO 96*, Brezovica, Yugoslavia, April 1996.

P.196   D. N. Tešić and V. B. Mišić. "Complexity metrics for object-oriented software systems" (in Serbian language). *Proc. XXXIX Yugoslav ETRAN Conference*, Zlatibor, Yugoslavia, June 1995.

P.197   V. B. Mišić. "magiCASE: a computer-aided software engineering toolkit" (in Serbian language). *Proc. 10th YU Info-Teh Conference*, Donji Milanovac, Yugoslavia, June 1995.

P.198   V. B. Mišić, G. Rasulić, J. Šarai, and D. N. Tešić. "Data dictionary in the magiCASE toolkit" (in Serbian language). *Proc. YU INFO 95*, Brezovica, Yugoslavia, April 1995.

P.199   M. Andrić and V. B. Mišić. "Recovering the data model from a legacy database" (in Serbian language). *Proc. XXXVIII Yugoslav ETRAN Conference*, Nis, Yugoslavia, June 1994.

P.200   J. Mišić, V. B. Mišić, G. Rasulić, J. Šarai, and D. N. Tešić. "Architecture of the XER CASE toolkit" (in Serbian language). *Proc. XXXVIII Yugoslav ETRAN Conference*, Nis, Yugoslavia, June 1994.

P.201   D. N. Tešić and V. B. Mišić. "Object-oriented development of a DBMS for the ATM system" (in Serbian language). *Proc. XXXVII Yugoslav ETRAN Conference*, Belgrade, Yugoslavia, September 1993.

P.202   V. B. Mišić. "Formal specification of an object-oriented data model" (in Serbian language). *Proc. XXXVII Yugoslav ETRAN Conference*, Belgrade, Yugoslavia, September 1993.

P.203   V. B. Mišić and G. Rasulić. "Development of graphical front end for a CASE tool in Windows environment" (in Serbian language). *Proc. XXXVI Yugoslav ETRAN Conference*, Kopaonik, Yugoslavia, September 1992.

P.204   B. Lazarević and V. B. Mišić. "Extending the entity-relationship model with dynamic structural integrity constraints" (in Serbian language). *Proc. XXXV Yugoslav ETRAN Conference*, Ohrid, Yugoslavia, June 1991.

P.205   V. B. Mišić and M. Ilić. "Computer-aided design of relational schemata", *Proc. Int. Conf. on Computers in Higher Education*, Cavtat, Croatia, June 1990.

P.206   M. Stefanović and V. B. Mišić. "MOSFET Transistor Bridge for Five Phase Stepper Motor Phase Drive", *PCIM '89 Proceedings of the Nineteenth International Power Conversion (PCI) Conference*, pp. 330-337, Long Beach, CA, October 1989.

P.207   M. Stefanović and V. B. Mišić. "Overcurrent protection of a MOSFET transistor bridge for stepper motor drive" (in Serbian language). *Proc. Int. Conf. On Power Electronics*, Belgrade, Yugoslavia, June 1988.

P.208   M. Popović and V. B. Mišić. "Computer-aided design of generalized FLF active filters" (in Serbian language). *Proc. Int. Conf. On Computer-Aided Design*, Zagreb, Yugoslavia, September 1986.

P.209   V. B. Mišić and D. Perendija. "Microprocessor control of an asynchronous electrical motor" (in Serbian language). *Proc. XXX Yugoslav ETRAN Conference*, Herceg-Novi, Yugoslavia, June 1986.

P.210   M. Popović and V. B. Mišić. "Computer-aided design of generalized leapfrog active filters" (in Serbian language). *Proc. XXX Yugoslav ETRAN Conference*, Herceg-Novi, Yugoslavia, June 1986.

P.211 M. Popović and V. B. Mišić. "Analysis of active filters with infinite Q factor" (in Serbian language). *Proc. XXIX Yugoslav ETRAN Conference*, Niš, Yugoslavia, June 1985.

P.212 V. B. Mišić and M. Popović. "A high performance GIC-based allpass circuit", *Proc. Int. Symposium Circuits and Systems*, Sarajevo, Yugoslavia, October 1984.

P.213 S. Marjanović, V. B. Mišić, and Z. Mijanović. "A V-MOS transistor bridge for stepper motor drive" (in Serbian language), *Proc. XXVIII Yugoslav ETRAN Conference*, Split, Yugoslavia, June 1984.

P.214 V. B. Mišić and M. Popović. "Frequency dependence of group delay in second-order active filters" (in Serbian language), *Proc. XXVIII Yugoslav ETRAN Conference*, Split, Yugoslavia, June 1984.

P.215 M. Popović and V. B. Mišić. "A new class of high-Q active filters with three operational amplifiers", *Proc. European Conf. On Circuit Theory and Design*, Stuttgart, Germany, September 1983.

P.216 M. Popović and V. B. Mišić. "A new class of active filters with high Q factor and reduced sensitivity" (in Serbian language), *Proc. XXVI Yugoslav ETRAN Conference*, Subotica, Yugoslavia, June 1982.

P.217 M. V. Popovich and V. B. Mišić. "New methods for analysis and compensation of GIC-derived biquads", *Proc. IEEE International Symposium on Circuits and Systems*, pp. 1090-1093, vol.3, Rome, Italy, May 1982.

P.218 V. B. Mišić and M. Popović. "Implementation of a class of active-RC biquads with infinite Q factor" (in Serbian language), *Proc. XXVIII Yugoslav ETRAN Conference*, Mostar, Yugoslavia, June 1981.

Publications under review in refereed conferences

Other Publications

O.1   Y. Wang, J. Liu, X. Chang, J. Mišić, and V. B. Mišić. "IWA: Integrated Gradient based White-box Attacks for Fooling Deep Neural Networks", *arXiv.2102.02128* [cs.LG], February 2021.

O.2   H. Kang; X. Chang; J. Mišić; V. B Mišić; Y. Yao; and Z. Chen "Stochastic Modeling Approaches for Analyzing Blockchain: A Survey", *arXiv:*2009.05945 [cs.CR], September 2020/

O.3   M. Z. Ali, J. Mišić, and V. B. Mišić. "Performance analysis of IEEE 802.11ax heterogeneous network in presence of hidden terminals". *arXiv:*1908.01834 [cs.NI], August 2019.

O.4   J. Mišić, M. Z. Ali, and V. B. Mišić. "Protocol architectures for IoT domains", *arXiv.1802.08179* [cs.NI], March 2018.

O.5   K. R. Lang, V. B. Mišić, and L. J. Zhao. Editorial for the Special Section on Business Process Analytics, *Information System Frontiers* **17**(6):1191-1194, December 2015.

O.6   N. Kato, S. Guo, and V. B. Mišić. Editorial for the Special Issue on Emerging Mobile and Ubiquitous Systems, *IEEE Transactions on Emerging Topics in Computing*, Part I, **3**(1):5-7, March 2015, and Part II, **3**(3):305-306, September 2015.

O.7   J. Mišić, M. Begović, N. Kato, T. Taleb, and V. B. Mišić. Editorial for the special issue of Wiley *Security and Communication Networks* **7**(1)157-159, January 2014.

O.8   V. B. Mišić, R. Buyya, D. Milojicic, and Y. Cui. Guest Editor's Introduction for the special issue on Cloud Computing, *IEEE Transactions on Parallel and Distributed Systems* **24**(6) 1062-1065, June 2013.

O.9   J. Mišić and V. B. Mišić. Editorial for the special issue on Recent Advances in Analysis and Deployment of IEEE 802.11e and IEEE 802.11p Protocol Families, *Ad Hoc Networks* **10**(2):145–146, March 2012.

O.10   G. Xing and V. B. Mišić. Editorial for the special issue containing best papers from the WWASN2009 workshop, *International Journal of Parallel, Emergent, and Distributed Systems*, 2010.

O.11   V. B. Mišić and Y. Wang. Editorial for the special issue containing best papers from WWASN2007 workshop, *International Journal of Parallel, Emergent, and Distributed Systems* **23**(6):427:428, December 2008.

O.12   V. B. Mišić. Editorial for the special issue on Recent Developments in Ad Hoc and Sensor Networks: Selected Papers from the Ad Hoc and Sensor Network Track of the AINA-07 Conference, *Ad Hoc & Sensor Wireless Networks Journal* **4**(3):175-177, 2007.

O.13   V. B. Mišić. Editorial for the special issue containing best papers from WWASN2006 workshop, *Ad Hoc & Sensor Wireless Networks Journal* **3**(4):285-286, 2007.

O.14   J. Mišić and V. B. Mišić. Editorial for the special issue on Recent Developments in Wireless Sensor Networks, *International Journal of Sensor Networks (IJSNet)* **1**(3/4):115-116, 2006.

O.15   R. H. L. Chiang and V. B. Mišić. Preface for CoSS 2006 workshop proceedings, p. 171, *Advances in Conceptual Modeling – Theory and Practice*, LNCS 4231, Berlin, Germany: Springer-Verlag, 2006.

O.16   J. Mišić and V. B. Mišić. Editorial for the special issue on Wireless Sensor Networks: Performance, Reliability, Security, and Beyond, *Computer Communications* **29**(13-14):2447-2449, August 2006.

O.17   V. B. Mišić. "Perceptions of Extreme Programming: A Pilot Study", technical report TR 05/03, Department of Computer Science, University of Manitoba, Winnipeg, MB, June 2005.

O.18   V. B. Mišić. "Measuring the Coherence of Software Product Line Architectures", technical report TR 06/03, Department of Computer Science, University of Manitoba, Winnipeg, MB, June 2006.

O.19   F. G. Olumofin and V. B. Mišić. "Extending the ATAM Architecture Evaluation to Product Line Architectures", technical report TR 05/02, Department of Computer Science, University of Manitoba, Winnipeg, MB, June 2005.

O.20   J. Mišić and V. B. Mišić. Editorial for the special issue on Performance issues of wireless LANs, PANs, and Ad Hoc networks, *Computer Communications* **28**(10):1093–1094, June 2005.

O.21   M. W. Rennie and V. B. Mišić. "Towards a Service-Based Architecture Description Language", technical report TR 04/08, Department of Computer Science, University of Manitoba, Winnipeg, MB, August 2004.

O.22   J. Mišić and V. B. Mišić. "Performance of Bluetooth piconets with finite size buffers: a queueing theoretic analysis", technical report TR 04/07, Department of Computer Science, University of Manitoba, Winnipeg, MB , August 2004.

O.23   J. Mišić, K. L. Chan, and V. B. Mišić. "Performance of TCP traffic in Bluetooth piconets: a queueing theoretic analysis", technical report TR 04/06, Department of Computer Science, University of Manitoba, Winnipeg, MB, July 2004.

O.24   V. B. Mišić and J. Mišić. "Polling and Bridge Scheduling Algorithms in Bluetooth", technical report TR 03/04, Department of Computer Science, University of Manitoba, Winnipeg, MB, September 2003.

O.25   J. Mišić, K. L. Chan, and V. B. Mišić. "Performance of Bluetooth Piconets under E-limited scheduling", technical report TR 03/03, Department of Computer Science, University of Manitoba, Winnipeg, MB, May 2003.

O.26   V. B. Mišić. "Metalanguage clarification", Letters to the editor, *IEEE Computer*, **34**(10):7, October 2001.

O.27   J. L. Zhao and V. B. Mišić. "Toward Component-Based Electronic Commerce: A Workflow Perspective", *Proc. International Workshop on Component-based Electronic Commerce*, University of California Berkeley, CA, July 1998.

O.28   V. B. Mišić and S. Moser. "From formal metamodels to metrics: a formal object-oriented approach", technical report *HKUST-CS97-09*, Department of Computer Science, The Hong Kong University of Science and Technology, Hong Kong, July 1997.

O.29   V. B. Mišić and S. Moser. "Formal approach to metamodeling: an object-oriented perspective", technical report *HKUST-CS97-08*, Department of Computer Science, The Hong Kong University of Science and Technology, Hong Kong, July 1997.

O.30   V. B. Mišić and D. Velašević. "The role of formal specifications in software development", technical report *TI-ETF-RTI-92-003*, School of Electrical Engineering, University of Belgrade, Yugoslavia, March 1992.

O.31   V. B. Mišić. "Enforcing structural integrity constraints atop a relational DBMS", technical report *TI-ETF-RTI-92-004*, School of Electrical Engineering, University of Belgrade, Yugoslavia, March 1992.

Invited Talks

T.1   V. B. Mišić and J. Mišić.   "P2P network issues in a blockchain-based ledger", keynote speech at *22nd International Symposium on Wireless Personal Multimedia Communications WPMC 2019*, Lisbon, Portugal, November 2019.

T.2   V. B. Mišić and J. Mišić.   "Blockchain for communications", *Winter School on New radio access techniques enabling advanced video applications in 5G (TeamUp5G)*, Universidad Carlos III de Madrid – Leganés Campus, Madrid, Spain, November 2019.

T.3   J. Mišić, V. B. Mišić, and X. Chang.   "Data lifetime estimation in a multicast-based CoAP proxy", *Int. Workshop on Very Large Internet of Things* (in conjunction with VLDB'2019 conference), Los Angeles, CA, August 2019.

T.4   V. B. Mišić and J. Mišić.   "Towards a Blockchain-Based Healthcare Information System", Beijing Jiaotong University, Beijing, China, May 2019.

T.5   J. Mišić and V. B. Mišić.   "Design Alternatives for Reliable and Scalable Data Acquisition from IoT Domains", Beijing Jiaotong University, Beijing, China, December 2017.

T.6   J. Mišić and V. B. Mišić.   "VM2M: An Overlay Network to Support Vehicular Traffic over LTE", Beijing Jiaotong University, Beijing, China, December 2017.

T.7   J. Mišić and V. B. Mišić.   "Random access for M2M devices in LTE/LTE-A", tutorial given at *International Wireless Communications and Mobile Computing Conference (IWCMC 2015)*, Dubrovnik, Croatia, August 2015.

T.8   J. Mišić and V. B. Mišić.   "Machine-Type Communication over LTE Cellular Networks", Ericsson Canada, Mississauga, ON, June 2011.

T.9   V. B. Mišić.   "Sensing, scheduling, and performance optimization of cognitive personal area networks (CPANs)", University of Waterloo, ON, Canada, December 2009.

T.10   V. B. Mišić.   "Network and security architecture of IEEE 802.15.4 based WSNs and their application in healthcare domain", *2nd ProSense workshop*, Santorini island, Greece, September 2008.

T.11   V. B. Mišić.   "Wireless Sensor Networks: Challenges and Open Topics", keynote speech at the *Workshop on Intelligent Systems Techniques for Wireless Sensor Networks (IST-WSN)*, held in conjunction with IEEE MASS'06 conference, Vancouver, BC, Canada, October 2006.

T.12   V. B. Mišić.   "Designing service-based applications: teaching the old dogs new tricks, or is it the other way around?" Service-Oriented Architecture Symposium, University of Manitoba and CANARIE, Winnipeg, MB, Canada, December 2005.

T.13   V. B. Mišić.   "Utilization and Coherence: Measuring Software Product Line Architectures" (in Serbian language). University of Belgrade, Serbia, December 2002.

T.14   V. B. Mišić.   "Adaptive Management of Bluetooth Slave/Slave Bridge" (in Serbian language).   University of Belgrade, Serbia, December 2002.

T.15   V. B. Mišić.   "Utilization and Coherence: Measuring Software Product Line Architectures", McGill University, Montréal, QC, Canada, October 2002.

T.16   V. B. Mišić.   "Security on the Internet" (in Serbian language).   *11th YU Info-Teh Conference*, Donji Milanovac, Serbia, June 1996.

T.17   V. B. Mišić.   "Software development and software reengineering" (in Serbian language).   *10th YU Info-Teh Conference*, Donji Milanovac, Serbia, June 1995.

T.18   V. B. Mišić**.** "Integrated CASE tools in software development" (in Serbian language).   *Informatics 95*, Belgrade, Serbia, May 1995.

T.19   V. B. Mišić and J. Mišić.   "Client-server architectures" (in Serbian language).   *Informatics 94*, Belgrade, Serbia, May 1994.

Grants awarded

G.1   Dean's Research Fund – Discovery Accelerator, Dear of Science, Ryerson University, $16,000 (2020-2022)

G.2   "Networking, consensus, and security of blockchain applications", NSERC Discovery Grants – Individual (RGPIN), $165,000 (April 2020 – March 2025)

G.3   "Smart Things at Ryerson – ST@Rlab" (Co-I), CFI John R. Evans Leaders Fund, $247,284 (2018-2023)

G.4   "Automatic Real-Time Classification of Remotely Collected ECG Data", NSERC ENGAGE grant with m-Health Solutions, Inc, Burlington, ON, $25,000 (2016)

G.5   Dean's Research Fund – Research Tools and Instruments (PI), Ryerson University, $15,000 (2016)

G.6   Dean's Research Fund – Connector, Dear of Science, Ryerson University, $5,000 (2016)

G.7   Dean's Research Fund – Discovery Accelerator, Dear of Science, Ryerson University, $16,000 (2015-2017)

G.8   "Opportunistic spectrum access for emergency response networks", NSERC Discovery Grants – Individual (RGPIN), $125,000 (April 2015 – March 2020)

G.9   "Extending the InterDigital DSM system with an ASA/LSA spectrum broker", NSERC ENGAGE grant with InterDigital Canada Ltée, Montréal, QC, $24,900 (2012)

G.10 "Machine-to-Machine Communications in 4G Networks" (PI), NSERC Collaborative Research and Development Grant with Ericsson Research, Canada, Montreal, QC, $90,000 (2013-2015)

G.11 "Providing Security and Privacy in JBB Mobile Field Cloud", NSERC ENGAGE grant with JBBMobile, Inc., Toronto, ON, $25,000 (2012)

G.12 "Bakery Vision Analyzer", NSERC ENGAGE grant with More Automation Solutions, Inc., Mississauga, ON, $24,933 (2012)

G.13 "Future Urban Electrical System (FUSE)", ORF-RE grant, Co-I (Bala Venkatesh, PI), $4.9M (2011 – 2016)

G.14 "Introducing Agility to Software System Development", Ryerson University FEAS Dean's Research Fund (DRF), $5,000 (2010)

G.15 "Sensing, scheduling, and performance optimization in cognitive wireless personal networks", NSERC Discovery Grants – Individual (RGPIN), $100,000 (April 2010 – March 2015)

G.16 "Design of Service-Oriented Applications", NSERC Discovery Grant – Individual (RGPIN), $30,000 (April 2007 – March 2009)

G.17 "Wireless Sensor Network Laboratory" (Co-PI), CFI New Opportunities fund, $232,541 (2005-2009)

G.18 "Product Line Architecture Assessment and Measurement", NSERC Discovery Grant – Individual (RGPIN) 298272-04, $45,000 (April 2004 – March 2007)

G.19 University of Manitoba startup grant, $35,000 (July 2003)

Note: for grants awarded in Hong Kong, the approximate rate of exchange 1US$ = 7.8HK$

G.20 "A comparison of information systems planning results using critical success factors (CSF) and critical success chains (CSC) methods", Hong Kong Government grant UGC/CERG HKUST6157/02H (HK$525,853), 2002

G.21 "Modeling and simulation of quality-of-service-based networks', The Hong Kong University of Science and Technology grant DAG01/02.BM19 (HK$15,000)

G.22 "Using XML-compliant document formats", The Hong Kong University of Science and Technology grant DAG00/01.BM37 (HK$39,664)

G.23 "Software quality prediction – a system dynamics approach", The Hong Kong University of Science and Technology grant DAG99/00.BM36 (HK$40,000)

G.24 "Electronic commerce reference modelling", The Hong Kong University of Science and Technology grant DAG98/99.BM44 (HK$53,100)

International Collaboration

G.25 "Application of Multimodal Biometrics in Identity Management" (Co-I), Ministry for Science and Technology Development of Serbia, (2011-2014)

Grants applied for

Student Supervision

Current Students

- Soosan Naderi Mighan, PhD candidate, Ryerson University, Toronto, ON (co-supervised with Prof. Jelena Mišić)
- Priyanka Sarode, PhD candidate, Ryerson University, Toronto, ON (co-supervised with Prof. Jelena Mišić)
- Haytham Qushtom, PhD candidate, Ryerson University, Toronto, ON (co-supervised with Prof. Jelena Mišić)
- Syed Raza Bashir, PhD candidate, Ryerson University, Toronto, ON
- Nicoleta Zouri, MSc candidate, Ryerson University, Toronto, ON

Graduated Students

- Muhammad Suleman Saleem, PhD, Ryerson University, Toronto, ON, 2016 – 2021 (co-supervised with Prof. Jelena Mišić)
- Dr. Xiaoming Chen, postdoctoral researcher, Ryerson University, Toronto, ON, September 2019 – August 2020, (co-supervised with Prof. Jelena Mišić)
- M Zulfiker Ali, post-doc fellow, Ryerson University, Toronto, ON, September 2018 – December 2018 (co-supervised with Prof. Jelena Mišić)
- Dr. Asmaa Abdallah, post-doc fellow, Ryerson University, Toronto, ON, September 2017 – September 2018 (co-supervised with Prof. Jelena Mišić)
- Md. Mizanur Rahman, post-doc fellow, Ryerson University, Toronto, ON, 2017 (co-supervised with Prof. Jelena Mišić)
- Md. Mizanur Rahman, PhD, 2017, Ryerson University, Toronto, ON
- Mohammad Shahnoor Islam Khan, PhD (posthumously), 2017, Ryerson University, Toronto, ON (co-supervised with Prof. Jelena Mišić)
- Jianying Miao, MSc, 2016, Ryerson University, Toronto, ON
- Jaweria Sultana, MSc, 2015, Ryerson University, Toronto, ON
- Feroz Alam, MSc, 2015, Ryerson University, Toronto, ON
- Yomna Aly, undergraduate researcher supported through NSERC USRA scholarship, 2014-2015, Ryerson University, Toronto, ON
- Jason Ma, MSc, 2014, Ryerson University, Toronto, ON
- Hamidreza Tavakoli, PhD, 2013, Iran University of Science and Technology, Tehran, Iran (co-supervised with Prof. Jelena Mišić and Dr. Majid Naderi)
- Hamzeh Khazaei, PhD, 2013, University of Manitoba, Winnipeg, MB (co-supervised with Prof. Jelena Mišić)
- Vida Azimi, MASc, 2013, Ryerson University, Toronto, ON
- Jahanzeb Yousaf, MSc, 2012, Ryerson University, Toronto, ON
- Yahya Rafique, MSc, 2011, Ryerson University, Toronto, ON
- Marc Boyer, MSc, 2011, University of Manitoba, Winnipeg, MB
- Abul Kalam Rafi Ahmed, MSc, 2007, University of Manitoba, Winnipeg, MB
- Jobaida Begum, MSc, 2007, University of Manitoba, Winnipeg, MB
- Fei Gao, MSc, 2007, University of Manitoba, Winnipeg, MB
- Hudson Gevaert, MSc, 2006, University of Manitoba, Winnipeg, MB
- Femi George Olumofin, MSc, 2006, University of Manitoba, Winnipeg, MB
- Michael William Rennie, MSc, 2005, University of Manitoba, Winnipeg, MB
- Hongjun (Jenny) Shen, MSc, 2005, University of Manitoba, Winnipeg, MB
- Kin Pong Cheung, MPhil, 2002, The Hong Kong University of Science and Technology, Hong Kong, China (co-supervised with Prof. Jelena Mišić)
- Dejan Tešić, MPhil, 1996, University of Belgrade, Yugoslavia
- Ljiljana Kašćelan, MPhil, 1996, University of Podgorica, Yugoslavia (co-supervised with Dr. Miroslav Bojović)
- Mirjana Andrić, MPhil, 1995, University of Belgrade, Yugoslavia

Teaching

Note: a name in *italics* denotes a graduate course.

Courses taught at Ryerson University

Semester	Course [section]	Enrollment
Winter 2020	CPS406 Introduction to Software Engineering	311
	CPS831 Software Engineering II	45
	CP8202 Advanced Software Engineering	9
Fall 2020	CPS714 Software Project Management	79
Winter 2020	CPS406 Introduction to Software Engineering	227
	CPS831 Software Engineering II	22
	CP8202 Advanced Software Engineering	13
Fall 2019	CPS714 Software Project Management	88
Winter 2019	CPS406 Introduction to Software Engineering	132
	CPS831 Software Engineering II	29
	CP8202 Advanced Software Engineering	2
Fall 2018	CPS714 Software Project Management	85
Winter 2018	CPS406 Introduction to Software Engineering	198
Fall 2017	CPS714 Software Project Management	77
	CPS8202 Advanced Software Engineering	5
Winter 2017	CPS406 Introduction to Software Engineering	192
Fall 2016	CPS714 Software Project Management	39
	CPS8202 Advanced Software Engineering	23
Winter 2015	CPS406 Introduction to Software Engineering	160
Fall 2014	CPS714 Software Project Management	36
	CPS8202 Advanced Software Engineering	11
Winter 2014	CPS406 Introduction to Software Engineering	109
Fall 2013	CPS714 Software Project Management	16
	CPS8202 Advanced Software Engineering	33
Winter 2013	CPS406 Introduction to Software Engineering	91
	CPS8202 Advanced Software Engineering	13
Fall 2012	CPS731 Software Engineering I	32
Winter 2012	CPS406 Introduction to Software Engineering	96
Fall 2011	CPS118 Introductory Programming for Scientists	76
	CPS8101 Research Methods for Computer Science	24
Winter 2011	CPS406 Introduction to Software Engineering	77
	CPS8202 Advanced Software Engineering	7
Fall 2010	CPS845 Extreme Programming and Agile Processes	11
Winter 2010	CPS406 Introduction to Software Engineering	80
	CPS8202 Advanced Software Engineering	15
Fall 2009	CPS845 Extreme Programming and Agile Processes	2

Courses taught at the University of Manitoba

COMP3350 Software Engineering

COMP3380 Databases: Concepts and Usage

COMP4050 Project Management

COMP4350 Software Engineering II

COMP7890 Software Architecture

COMP7890 Software Engineering for Secure Systems

Courses taught at The Hong Kong University of Science and Technology

ISMT101 Introduction to Information Systems

ISMT102 Fundamentals of Information System Management

ISMT223 Business Application Programming

ISMT337 Multimedia Application Development

ISMT517 Computer Communications and Internet Technology

ISMT523 Internet and Computer Communications

ISMT525 Multimedia Information Systems

ISMT529 Information Systems Development Methodologies

Courses taught at University of Belgrade

Introduction to Software Engineering (both graduate and undergraduate level)

Information Systems Development (both graduate and undergraduate level)

Data Structures and Algorithms

Professional Service

Journal editorship

S.1   Associate Edtiror, *IEEE Transactions on Network Science and Engineering*, 2021 – present

S.2   Founding Associate Editor, *IEEE Transactions on Cloud Computing*, 2013 -- present

S.3   Associate Editor, *Ad Hoc Networks*, Elsevier, 2010 -- present

S.4   Founding Associate Editor and Member, Editorial Board, *Peer-to-Peer Networking and Applications*, Springer-Verlag

S.5   Editor-in-Chief, *Cyber-Physical Systems*, Taylor & Francis, 2015 -- 2017

S.6   Member, Editorial Board, *International Journal of Parallel, Emergent and Distributed Systems*, Taylor & Francis, 2012 -- 2019

S.7   Associate Editor, *IEEE Transactions on Parallel and Distributed Systems*, 2010 – 2013

Journal guest editorship

S.8   Guest Editor, *IEEE Transactions on Network Science and Engineering*, special issue on AI-Driven 6G Mobile Wireless Networks: Key Enabling Theories, Architectures, Protocols, and Techniques (jointly with X. Zhang, D. W. K. Ng, R. Fantacci, D. Qiao, and X. Wang), 2021.

S.9   Guest Editor, *Information System Frontiers (ISF)*, special issue with best papers from SIGBPS Workshop on Business Processes and Services (jointly with K. R. Lang and L. J. Zhao), 2015.

S.10   Guest Editor, *IEEE Transaction on Emerging Topics in Computing*, special issue on Emerging Mobile and Ubiquitous Systems (jointly with S. Guo and N. Kato), 2015.

S.11   Guest Editor, *Security and Communication Networks*, special issue on Security in Smart Grid (jointly with J. Mišić, M. Begović, T. Taleb, and N. Kato), 2014

S.12   Lead Guest Editor, *IEEE Transactions on Parallel and Distributed Systems*, special issue on Cloud Computing (jointly with Rajkumar Buyya, Yong Cui, and Dejan Milojičić), 2013

S.13   Guest Editor, *Ad Hoc Networks Journal*, special issue on Recent advances in analysis and deployment of IEEE 802.11e and IEEE 802.11p protocol families (jointly with J. Mišić), 2012

S.14   Guest Editor, *EURASIP Journal on Wireless Communications and Networking*, special issue on Recent Advances in Vehicular Networks (jointly with H. H. Chen, A. V. Vasilakos, and R. Boreli), 2011

S.15   Guest Editor, *International Journal of Parallel, Emergent, and Distributed Systems*, special issue containing best papers from WWASN2009 workshop (jointly with G. Xing), 2010 (five papers)

S.16   Guest Editor, *Ad Hoc & Sensor Wireless Networks Journal*, special issue containing best papers from WWASN2008 workshop (jointly with G. Xing), 2008 (four papers)

S.17   Guest Editor, *International Journal of Parallel, Emergent, and Distributed Systems*, special issue containing best papers from WWASN2007 workshop (jointly with Y. Wang), 2008 (three papers)

S.18   Guest Editor, *Ad Hoc & Sensor Wireless Networks Journal*, special issue containing best papers from AINA-07 track on Ad Hoc and Sensor Networks, 2007 (five papers)

S.19   Guest Editor, *Ad Hoc & Sensor Wireless Networks Journal*, special issue containing best papers from WWASN2006 workshop, 2007 (three papers)

S.20   Guest Editor, *International Journal of Sensor Networks (IJSNet)*, special issue on Recent Developments in Wireless Sensor Networks (jointly with J. Mišić), **1**(2), 2006 (nine papers)

S.21   Guest Editor, *Computer Communications*, special issue on Wireless Sensor Networks: Performance, Reliability, Security, and Beyond (jointly with J. Mišić), **29**(13-14), August 2006 (13 papers accepted out of 52 submissions)

S.22   Guest Editor, *Computer Communications*, special issue on Performance Issues of Wireless LANs, PANs, and Ad Hoc Networks (jointly with J. Mišić), **28**(10), June 2005 (14 papers accepted out of 37 submissions)

Conference chairing

For brevity, only conferences and workshops from 2010 on are listed.

S.23   Ad-Hoc and Sensor Networks Symposium co-chair, *IEEE Global Telecommunications Conference Globecom 2020*, Taipei, Taiwan, December 2020

S.24   TPC Chair, *2020 IEEE International Conference on Blockchain (Blockchain-2020)*, Rhodes Island, Greece, November 2020

S.25   Program Co-Chair, *Annual IEEE Canadian Conference on Electrical and Computer Engineering*, (*CCECE 2020),* London, ON, Canada, April 2020

S.26   TPC Co-Chair, *IEEE International Conference on Computing, Networking and Communications (ICNC 2020)*, Big Island, HI, February 2019.

S.27   Local arrangements chair, *21st IEEE Int. Workshop on Computer Aided Modelling and Design of Communication Links and Networks (CAMAD 2016)*, Toronto, ON, October 2016.

S.28   Program co-chair, *27th Queen's Biennial Symposium on Communications*, Kingston, ON, June 2014.

S.29   Program co-chair, *Tenth Workshop on Wireless Ad hoc and Sensor Networks (WWASN2013)*, held in conjunction with the *IEEE International Conference on Distributed Computing Systems (ICDCS 2013)*, Philadelphia, PA, July 2013 (jointly with K. Wu)

S.30   Wireless Networks Symposium Co-Chair, *2012 IEEE International Conference on Communications (ICC 2012)*, May 2012, Ottawa, ON

S.31   Program co-chair, *Ninth Workshop on Wireless Ad hoc and Sensor Networks (WWASN2012)*, held in conjunction with the *IEEE International Conference on Distributed Computing Systems (ICDCS 2012)*, Macau, China, June 2012 (jointly with K. Wu)

S.32   Program co-chair, *Eighth Workshop on Wireless Ad hoc and Sensor Networks (WWASN2011)*, held in conjunction with the *IEEE International Conference on Distributed Computing Systems (ICDCS 2011)*, Minneapolis, MN, June 2011 (jointly with K. Wu)

S.33   Workshop co-chair, *7th International ICST Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness QShine 2010*, Houston, TX, November 2010 (jointly with Y. Li)

S.34   Program co-chair, *Seventh Workshop on Wireless Ad hoc and Sensor Networks (WWASN2010)*, held in conjunction with the *IEEE International Conference on Distributed Computing Systems (ICDCS 2010)*, Genoa, Italy, June 2010 (jointly with S. Papavassiliou)

Grant Proposal Reviewer

S.35   Research Council for Natural Sciences and Engineering of the Academy of Finland

S.36   NSERC grants:
 Strategic Project Grants
Collaborative Health Research Grants
Collaborative Research and Development Grants

S.37   NSF Panelist, 2007, 2008, 2011

S.38   Natural Resources and Applied Sciences (NRAS) Endowment, Province of British Columbia

Membership in Professional Organizations

•   Association for Computing Machinery (ACM), since 1998

•   Association for Information Systems (AIS), since 2000

•   Institute of Electrical and Electronic Engineers (IEEE), Senior Member (2008), Member (1992)

University Service

- Department Evaluations Committee, Department of Computer Science, Ryerson University, Fall 2020 – present
- Department Hiring Committee, Department of Computer Science, Ryerson University, Winter – Spring 2020
- Undergraduate co-op program coordinator, Department of Computer Science, Ryerson University, Fall 2018 – August 2019
- Department Evaluations Committee, Department of Computer Science, Ryerson University, Fall 2018 – present
- Undergraduate co-op program coordinator, Department of Computer Science, Ryerson University, Fall 2016 – summer 2017
- Department Chair Search Committee, Faculty of Science, Ryerson University, Winter/Spring 2015
- Senate Appeals Committee, Ryerson University, 2010 – 2012
- Department Research and Graduate Studies committee, Department of Computer Science, Ryerson University, 2010 – present
- Appointments and Promotions Committee, Ryerson University, 2010 – 2011
- Department Budgetary Planning and Physical Resources Committee (2010–11), Department of Computer Science, Ryerson University, sabbatical replacement for Dr. Cherie Ding)
- Department Chair Search Committee, Faculty of Engineering, Architecture and Science, Ryerson University, Fall 2009/Winter 2010
- Department Teaching Standards Committee, Department of Computer Science, Ryerson University, Winter 2010
- Periodic Program Review Committee, Department of Computer Science, Ryerson University, Fall 2009
- Graduate Appeals Committee, Department of Computer Science, University of Manitoba, September 2004 – August 2008
- Science and Technology Library Users' Group, University of Manitoba, 2005–06 (sabbatical replacement for Dr. Helen Cameron)
- Awards Committee, Department of Computer Science, University of Manitoba, September 2005 – present
- Search Committee (appointed by the Dean of Science), Department of Computer Science, University of Manitoba, November 2005 – April 2006

Industrial/consulting experience

- Feasibility Study for the development of information system for the Ministry of Justice of Serbia, 1995 (team member)
- Feasibility Study for the development of Serbian Radio Television information system, 1993 (team member)
- Systems Analysis for various information system projects, VMteam Software Designers, Belgrade, Serbia, 1994 to 1996 (team leader)
- magiCASE toolkit, VM team Software Designers, Belgrade, Serbia, 1994 to 1996 (chief architect)
- Systems Analysis team for Banking Information System of the Karic Banka, Belgrade, Serbia, PC/NetWare/Oracle platform, 1992-1994 (team leader)
- External Systems Analysis Consultant for Digit Co., Belgrade, Serbia, 1990 to 1996
- Systems Design of Krušik Holding Co. Information System (Valjevo, Serbia), VAX/VMS/Rdb platform, 1989-1990 (team member)

Industrial and professional development courses

- Multimedia Information Systems, course developed for eEd Vision Ltd., Hong Kong (2000)
- Relational Database Management with Oracle, several companies in Serbia (1992-1996)
- Relational Database Management with Rdb/VMS, Gradina Ltd., Uzice, Serbia (1992)
- Information Systems Analysis and Design, several companies in Serbia (1990-1996)