

## BIOGRAPHY

### PERSONAL INFORMATION

**Name and surname:** Zlatan Begić

**Address:** Aleja Alije Izetbegovića 24, 75000 Tuzla, Bosnia and Herzegovina

**Phone:** +387 61 287 575

**E-mail:** zlatan@bih.net.ba

**Date and Place of Birth:** 14.01.1981, Tuzla

### EDUCATION

- 1996 - 2000: High School – JU Gymnasium Meša Selimović, Mathematics and Informatics Department, Tuzla, Bosnia and Herzegovina.
- 2000 - 2005: Bachelor's Degree – JU University of Tuzla, Faculty of Electrical Engineering Tuzla, Technical Informatics Department.
- 2006 - 2011: Doctorate – University of Zagreb, Faculty of Electrical Engineering and Computing, Postgraduate University Study for obtaining the academic degree of Doctor of Science.

### WORK EXPERIENCE

- 01.12.2005 - 30.11.2006: Completed internship as a professional associate in the Packet Network Service, BH Telecom d.d. Sarajevo, Regional Directorate Tuzla.
- 01.12.2006 - 30.06.2008: Established employment and worked as a professional associate in the Packet Network Service, BH Telecom d.d. Sarajevo, Regional Directorate Tuzla.
- 01.07.2008 - 30.09.2012: Professional associate in the Access Systems Service, BH Telecom d.d. Sarajevo, Regional Directorate Tuzla.
- 01.10.2012 - 31.12.2015: Head of the Department for Planning and ITD, BH Telecom d.d. Sarajevo, Regional Directorate Tuzla.
- 01.01.2016 - present: Head of the Department for Telecommunications System Analysis, BH Telecom d.d. Sarajevo, Regional Directorate Tuzla.
- 2014 - present: Professor at PVU IPI Academy Tuzla.

### PROFESSIONAL ASSOCIATIONS

- IEEE Communications Society

### PUBLISHED PAPERS

- Z. Begić, J. Topić, Smart City: Broadband Access Solution”, Invited Talk on 10th International Symposium on Information and Communication Technologies INTSIKT 2014, Faculty of Electrical Engineering, University of Tuzla, June, 2014.
- J. Topić, Z. Begić, I. Kapetanović Serdarević, Choosing Broadband Access Solution for Modern Residential Buildings in Densely Populated Urban Center, 37. međunarodni skup MIPRO 2014, Opatija, Hrvatska, 26.-30. svibnja 2014.

- J. Topić, Z. Begić, I. Kapetanović Serdarević, Odabir rješenja širokopojasne pristupne tehnologije u gusto naseljenom području sa dominantno individualnim stambenim objektima, 37. međunarodni skup MIPRO 2014, Opatija, Hrvatska, 26.-30. svibnja 2014.
- M. Mešković, Z. Begić, H. Bajrić, Tehnologije zelene energije u telekomunikacijama, Međunarodna konferencija ENERGA 2013., Tuzla, Bosna i Hercegovina, 4 – 6. Juni, 2013.
- E. Gubaljević, T. Čaršimamović, Z. Begić, N. Ibrišimović, Izbor odgovarajuće tehnologije pristupne mreže za pružanje širokopojasnih usluga zadovoljavajućeg kvaliteta za naselje Irac (2. dio), TELEKOMUNIKACIJE, naučno-stručni časopis za telekomunikacione tehnologije, Vol 11, No 35, 2012.
- E. Gubaljević, T. Čaršimamović, Z. Begić, N. Ibrišimović, Izbor odgovarajuće tehnologije pristupne mreže za pružanje širokopojasnih usluga zadovoljavajućeg kvaliteta za naselje Irac (1. dio), TELEKOMUNIKACIJE, naučno-stručni časopis za telekomunikacione tehnologije, Vol 10, No 34, 2011.
- Z. Begić, H. Bajrić, M. Kos, Rapid Synchronization of RTP Multicast Sessions in Case of Link Failure, TTEM – Technics Technologies Education Management, Vol. 6, No. 2, pp. 368-374, 2011.
- Z. Begić, M. Kos, Rapid Synchronization of RTP Multicast Sessions, IJCSNS International Journal of Computer Science and Network Security, Vol. 10, No. 9, pp. 42-47, 2010.
- Z. Begić, H. Bajrić, M. Kos, Rapid Synchronization of RTP Multicast Sessions Using the Retransmission Server, 18th International Conference on Software Telecommunications and Computer Networks, SoftCOM 2010, Split – Bol (Brač), September 2010.
- Z. Begić, H. Bajrić, M. Kos, Rapid Synchronization of RTP Multicast Sessions, 6th Euro-NF Conference on Next Generation Internet, NGI 2010, Paris, France, June 2010.
- M. Bolić, Z. Begić, E. Šećerbegović, Virtual Active Network for Live Streaming Media Delivery, The 15th IEEE Mediterranean Electrotechnical Conference, Valletta, Malta, April 25 – 28, 2010.
- Z. Begić, M. Bolić, E. Šećerbegović, Active Networking Support for Group Communication, XXII International Symposium on Information, Communication and Automation Technologies - ICAT 2009, Sarajevo, Bosnia & Herzegovina, October 29-31, 2009.
- E. Šećerbegović, Z. Begić, H. Hodžić, Simulation of Advanced Bandwidth Broker Implementation in PLC networks, 51st International Symposium ELMAR-2009, Zadar, Croatia, September 28-30, 2009.
- M. Bolić, Z. Begić, S. Zorić, Advanced Infrastructure – Based Streaming Media Overlay Networks, 51st International Symposium ELMAR-2009, Zadar, Croatia, September 28-30, 2009.

- Z. Begić, M. Bolić, E. Šećerbegović, Dynamic Approach in Developing Multicast Network, 51st International Symposium ELMAR-2009, Zadar, Croatia, September 28-30, 2009.
- E. Šećerbegović, M. Bolić, Z. Begić, Market Based Bandwidth Brokering Architecture in PLC Networks, 10th International Conference on Telecommunications CONTEL 2009, Zagreb, Croatia, June 8-10, 2009.
- M. Bolić, Z. Begić, E. Šećerbegović, Streaming Media Transport Protocols On Basis Of Next Generation Internet, IEEE Symposium on Signal Processing and Information Technology ISSPIT 2008, Sarajevo, Bosnia & Herzegovina, December 16-19, 2008.
- Z. Begić, M. Bolić, Security in Multicast Networks, IEEE Symposium on Signal Processing and Information Technology ISSPIT 2008, Sarajevo, Bosnia & Herzegovina, December 16-19, 2008.
- E. Šećerbegović, M. Bolić, Z. Begić, Advanced Bandwidth Brokering Architecture in PLC Networks, IEEE Symposium on Signal Processing and Information Technology ISSPIT 2008, Sarajevo, Bosnia & Herzegovina, December 16-19, 2008.
- E. Šećerbegović, M. Bolić, Z. Begić, Distributed MAC Protocol for OFDM based Power Line Networks, 50th International Symposium ELMAR-2008, Zadar, Croatia, September 10-13, 2008.
- M. Bolić, Z. Begić, E. Šećerbegović, Parallel Video Distribution Architectures for LiveStreaming Multimedia Systems, 50th International Symposium ELMAR-2008, Zadar, Croatia, September 10-13, 2008.
- Z. Begić, M. Bolić, H. Bajrić, Effect of Multicast on IPTV Channel Change Performance, 50th International Symposium ELMAR-2008, Zadar, Croatia, September 10-13, 2008.
- M. Bolić, Z. Begić, S. Čakarić, Optimizacija mrežnog QoS-a za Live Streaming prijenose uspostavljanjem visoko-funkcionalnih čvorova koristeći QMLS Protocol, 31. međunarodni skup MIPRO 2008, Opatija, Hrvatska, 26.-30. svibnja 2008.
- E. Šećerbegović, M. Bolić, Z. Begić, Analiza utjecaja impulsnog šuma u PLC mrežama, 31. međunarodni skup MIPRO 2008, Opatija, Hrvatska, 26.-30. svibnja 2008.
- Z. Begić, M. Bolić, E. Šećerbegović, Studija usporedbe različitih tipova protokola za usmjeravanje multicast prometa, 31. međunarodni skup MIPRO 2008, Opatija, Hrvatska, 26.-30. svibnja 2008.
- Z. Begić, H. Bajrić, IP Multicast u javnim mrežama, TELEKOMUNIKACIJE, naučno-stručni časopis za telekomunikacione tehnologije, Vol 6, No 20, 2007.
- E. Šećerbegović, M. Bolić, Z. Begić, Zahtjevi na aplikacionom sloju nastali iz upotrebe PLC tehnologije, XXI International Symposium ICAT 2007 focused on Information, Communication and Automation Technologies, Sarajevo, Bosnia and Herzegovina, October 29-31, 2007.
- M. Bolić, Z. Begić, E. Šećerbegović, Upotreba Peer to Peer mrežnog modela u cilju poboljšanja QoS-a u LiveStreaming-u, XXI International Symposium ICAT 2007 focused on Information, Communication and Automation Technologies, Sarajevo, Bosnia and Herzegovina, October 29-31, 2007.

- Z. Begić, M. Bolić, E. Šećerbegović, Osiguravanje očekivanog kvaliteta doživljaja korisnika kod korištenja IPTV usluge, XXI International Symposium ICAT 2007 focused on Information, Communication and Automation Technologies, Sarajevo, Bosnia and Herzegovina, October 29-31, 2007.
- Z. Begić, M. Bolić, H. Bajrić, Centralized Versus Distributed Replication Model for Multicast Replication, 49th International Symposium ELMAR-2007 focused on Mobile Multimedia, Zadar, Croatia, September 12-14, 2007.
- Z. Begić, H. Bajrić, Triple Play/IPTV koncept, TELEKOMUNIKACIJE, naučno-stručni časopis za telekomunikacione tehnologije, Vol 6, No 18, 2007.
- Z. Buljubašić, S. Čakarić, Z. Begić, Problemi određivanja vrijednosti mreža, Jubilarni 30. međunarodni skup MIPRO 2007, Opatija, Hrvatska, 21.-25. svibnja 2007.
- Z. Begić, S. Čakarić, Iskustva i analiza kod pružanja ADSL usluge u BH Telecom d.d. Sarajevo, Direkcija Tuzla, Širokopoljanski pristup i razvoj NGN mreže BH Telecom-a, Sarajevo, 08. i 09. februar 2007.
- Z. Begić, Analiza iskorištenja postojeće pristupne mreže za ADSL uslugu u BH Telecom d.d. Sarajevo, Pripravnički rad, BH Telecom d.d. Sarajevo, Regionalna Direkcija Tuzla, novembar 2006.
- Z. Begić, H. Bajrić, Performanse promjene kanala kod IPTV servisa, VI International Conference on Telecommunications BIHTEL 2006 - Building, Exploitation and Development of Telecommunication Networks, Sarajevo 30th October - 1st November 2006.
- Z. Begić, Razvoj informaciono upravljačkog sistema sa računarskom obradom podataka u preduzeću za proizvodnju vode, Diplomski rad, JU Univerzitet u Tuzli, Fakultet elektrotehnike Tuzla, odsjek Tehnička informatika, Tuzla, juni 2005.
- S. Begić, S. Begić, Š. Goletić, Z. Begić, Thermoelectric Power Plants Cleaning, International Research/Expert Conference Trends in the Development of Machinery and Associated Technology TMT 2003, Lloret de Mar, Barcelona, Spain, pp 1057-1060, September 15-16, 2003.
- S. Begić, S. Begić, Z. Petrović, Z. Begić, Occurrence of Metal Corrosion During Chemical Removal of Stratum, 2nd DAAAM International Conference on Advanced Technologies for Developing Countries – ATDC'03, Tuzla, Bosnia and Herzegovina, June 25-28, 2003.