Prof.dr.sc. Drago Žagar

OPIS ZNANSTVENOG, NASTAVNOG I STRUČNOG RADA

Prof.dr.sc. Drago Žagar djeluje u znanstvenom području elektrotehnike i računarstva, te telekomunikacija i informatike, s posebnim zanimanjem za komunikacijske mreže i protokole, kvalitetu usluge u Internetu te sigurnost informacijskih sustava. Između ostalog istraživao je modeliranje i optimizaciju MAN mreža, širokopojasne tehnologije pristupa Internetu, dijagnostiku kvarova, bežične senzorske mreže i arhitekture te razvoj stvarnovremenskih sustava za prikupljanje i obradu podataka. Istražuje agentske arhitekture za naplatu usluge u dinamičkoj okolini te metode za ocjenu kvalitete multimedijskih aplikacija. Prof.dr.sc. Drago Žagar istraživao je i u području analize i sinteze komunikacijskih protokola te metoda za verifikaciju komunikacijskih protokola, što je i tema njegovog magistarskog rada. Nadalje, bavio se analizom kvalitete usluge digitalnih komunikacijskih sustava, utjecaja šuma te obrade i ocjene kvalitete pokretne i nepokretne slike, a u području ostvarivanja kvalitete usluge u mreži izradio je doktorsku disertaciju, i objavio veći broj znanstvenih radova.

Prof.dr. sc. Drago Žagar dao je značajan doprinos znanosti novim metodama i modelima te primjenom novih rješenja temeljenih na suvremenim arhitekturama za razvoj naprednih usluga i aplikacija u novoj generaciji mreža. Posebno se ističu QoS arhitektura za posluživanje korisnika s različitim i promjenljivim zahtjevima na kvalitetu usluge, modeliranje i optimizacija parametara MAN-a te testiranje sigurnosnih karakteristika i definiranje sigurnosnih preporuka koje se odnose na uvođenje novog protokola IPv6. Programske agente u sustavu za naplatu usluge primijenio je u dinamičkom korisničko/mrežnom okruženju. Značajan doprinos znanosti je dao i istraživanjem širokopojasnih tehnologija pristupa komunikacijskoj mreži. Između ostalog istraživao je utjecaj prestavljanja u ADSL sustavima te primjenjivost tehnologija širokopojasnog pristupa Internetu u ruralnim područjima. Značajan znanstveni doprinos je dao i istraživanjem bežičnih senzorskih mreža. Doprinos znanosti sadržan je i u formalnim metodama verifikacije telekomunikacijskih procesa, posebice komunikacijskih protokola.

Prof.dr.sc. Drago Žagar do sada je objavio oko 140 znanstvenih radova u znanstvenim knjigama, časopisima ili zbornicima radova s međunarodnih i domaćih znanstvenih skupova. Urednik je 7 zbornika radova s međunarodnih znanstvenih skupova. Član je više od 70 programskih i organizacijskih odbora međunarodnih znanstvenih skupova. Glavni i odgovorni urednik je međunarodnog znanstvenog časopisa IJECES i član uredničkog odbora tri znanstvena časopisa. Recenzirao je preko 150 znanstvenih članaka s međunarodnih konferencija i znanstvenih časopisa (Future generation computer systems Journal; Advanced Engineering Informatics; International Journal of Communication Systems; International Journal of Innovative Computing, Information and Control; Mobile Networks and Applications (MONET) Journal; IEEE Communications magazine). Također, bio je istraživač i voditelj na brojnim domaćim i međunardnim znanstvenim i istraživačkim projektima.

U nastavku je dan pregled objavljenih radova i znanstvene, nastavne i stručne djelatnosti.

A. ZNANSTVENA DJELATNOST

A.1. Znanstveni radovi

1.1. Citiranost

Dr. sc. Drago Žagar ima sljedeću citiranost (stanje: ožujak 2021. godine):

- Baza WoS - svi radovi (45):   broj citata = 133,   h-indeks = 6
- Baza WoS - samo radovi u časopisima (29):   broj citata = 90,   h-indeks = 5
- Baza Scopus - svi radovi (95):   broj citata = 424,   h-indeks = 10
- Baza Scopus - samo radovi u časopisima (34):   broj citata = 148,   h-indeks = 6
- Google Scholar (162 dokumenta):   broj citata = 824,   h-indeks = 16
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A.1.7. Sažeci radova

A.1.7.1. Horvat, Goran; Čadovska, Ivana; Žagar, Drago,Cloud infrastruktura u tradicionalnim knjižnicama // infoDASKA2012., Osijek : Klub studenata informacijskih znanosti "Libros", 2012. 12-12 (pozvano predavanje,sažetak).

A.1.7.2. D. Žagar, S. Lončar-Vicković, D. Trampus, iskustva u razvoju i primjeni ishoda učenja na Sveučilištu Josipa Jurja Strossmayera u Osijeku, Sveučilište u Osijeku, 2011.

A.1.9. Urednik zbornika radova

A.1.9.1. Proceedings of the International Conference on Smart Systems and Technologies 2020 (SST 2020), Osijek: Faculty of Electrical Engineering, Computer Science and Information Technology Osijek, Josip Juraj Strossmayer University of Osijek, 2020 (zbornik)

A.1.9.2. Proceedings of the 26th International Conference on Systems, Signals and Image Processing IWSSIP, Osijek 2019 (zbornik)

A.1.9.3. 2018 International Conference on Smart Systems and Technologies (SST) PhD Forum - Book of Abstracts, Osijek: Sveučilište Josipa Jurja Strossmayera u Osijeku Fakultet elektrotehnike, računarstva i informacijskih tehnologija Osijek, 2018 (zbornik sažetaka)

A.1.9.4. Proceedings of the International Conference on Smart Systems and Technologies 2018 (SST 2018), Osijek: Faculty of Electrical Engineering, Computer Science and Information Technology Osijek, Josip Juraj Strossmayer University of Osijek, 2018 (zbornik)

A.1.9.5. Proceedings of International Conference on Smart Systems and Technologies 2017 (SST 2017), Osijek: Faculty of Electrical Engineering, Computer Science and Information Technology Osijek, 2017 (zbornik)

A.1.13.36. 37th International Conference on Telecommunications and Signal Processing, July 1-3, 2014, Berlin, Germany, 2 rada

A.1.13.37. 12th International Conference on Telecommunications Zagreb, Croatia, June 26-28, 2013, 3 rada

A.1.13.38. International Conference on Computational Collective Intelligence ICCCI 2013, 3 rada

A.1.13.39. 2013 IEEE Symposium on Computers and Communications, ISCC 2013, Split, Croatia, 7-10 July, 2013, recenzent 3 rada

A.1.13.40. 5th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2013, Kuala Lumpur, Malaysia, March 18-20, 2013., 3 rada

A.1.13.41. Conference on Telecommunications and Signal Processing TSP 2013, recenzent 4 rada

A.1.13.42. International Conference on Computational Collective Intelligence ICCCI 2012, 5 radova

A.1.13.43. 34th International Conference on Information Technology Interfaces, ITI 2012, Cavtat / Dubrovnik, Croatia, June 25-28, 2012., 1 rad

A.1.13.44. 11th International Conference on Telecommunications, ConTEL 2011, was held in Graz, Austria, from June 15–17, 2011, Graz, 4 rada

A.1.13.45. AEECT 2011 IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies 6-8 December 2011, The University of Jordan, Amman, Jordan (Communications and Networking), 1 rad

A.1.13.46. IEEE International Symposium on Industrial Electronics - Bari (Italy) 4-7 July 2010, 1 rad

A.1.13.47. IEEE GLOBECOM 2010 IEEE Communications Society, Miami 6 - 10 December 2010, BWA Workshop, 1 rad

A.1.13.48. The 2nd International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery, Oct 10, 2010 - Oct 12, 2010 Huangshan, China, 1 rad

A.1.13.49. 10th International Conference on Telecommunications, Zagreb, June 8-10, 2009., 6 radova.

A.1.13.50. IEEE International Symposium on Industrial Electronics - Bari (Italy) 4-7 July 2010, 1 rad

A.1.13.51. 30th International Conference on Information Technology Interfaces, Dubrovnik, Croatia, June 23-26, 2008., 1 rad

A.1.13.52. 6th IEEE International Conference on Industrial Informatics : Daejeon, South Korea, 13 - 16 July 2008, Korea, 3 rada

A.1.13.53. 9th International Conference on Telecommunications, ConTEL 2007, Zagreb, Croatia, June 13–15, 2007, 3 rada

A.1.13.54. MELECON 2006 - IEEE Mediterranean Electrotechnical Conference, 16-19 May 2006, Torremolinos, Malaga, Spain, 6 radova.

A.1.13.55. 8th International Conference on Telecommunications, Contel 2005. Zagreb, Croatia, June 15-17, 2005, 3 rada

A.1.13.56. The 23rd Conference of the IEEE Communications Society, IEEE INFOCOM 2004., March 7-11 2004., Hong Kong, 1 rad

A.1.13.57. 7th International Conference on Telecommunications, Contel 2003., 1 rad

A.1.13.58. XXV International Conference MIPRO 2002., Opatija, Hrvatska, May 2002, 1 rad

A.1.13.59. 9th IEEE International Conference on Electronics, Circuits and Systems - ICECS 2002, 15-18 Sept. 2002,Dubrovnik, Croatia, 3 rada.

A.2. Projekti

A.2.1.   Međunarodni projekti

A.2.1.1.   Istraživač-suradnik na TEMPUS projektu "Collaborative Internationalisation of Software Engineering in Croatia"- KISEK (2007. - 2009.), izvor financiranja: EU fondovi

A.2.1.2.   Istraživač-suradnik na međunarodnom Eureka projektu ITEA/ESNA „European Sensor Network Architecture" – 2008.-2009., izvor financiranja: EU fondovi

A.2.1.3.   Furtherance of Bologna Promotion in Croatia, Osterreichischer Akademischer Austauschdienst, 2006/2007, TEMPUS projekt, koordinator za Sveučilište u Osijeku

A.2.1.4.   Establishing of Career Advice Services at Croatian Universities, Dresden University of Technology, 2007/2009, TEMPUS projekt, koordinator za Sveučilište u Osijeku

A.2.1.5.   Enhancing Mobility of the Croatian Academic Mobility Community Dresden University of Technology, 2007/2008, TEMPUS projekt, koordinator za Sveučilište u Osijeku

A.2.1.6.   Israživač-suradnik „Erasmus+ Innovative Lifelong e-Learning for Professional Engineers (e-ProfEng)", voditelj KTH Stockholm. (2017.-), izvor financiranja: EU fondovi

A.2.1.7.   Voditelj na FERIT-u, Istraživač-suradnik „Boosting the telecommunications engineer profile to meet modern society and industry needs (BENEFIT)", voditelj Alpen-Adria-Universität Klagenfurt, 2017.-, Erasmus + K2, izvor financiranja: EU fondovi

A.2.1.8.   Istraživač-suradnik „Erasmus+ projekt"The ICT Engineer of the 21st Century: Mastering Technical Competencies, Management Skills, and Societal Responsibilities (TEAMSOC21)", voditelj FER Zagreb (2017.-2019.), izvor financiranja: EU fondovi

A.2.1.9.   Istraživač-suradnik „Erasmus+ "Education of Future ICT Experts Based on Smart Society Needs", voditelj University of Žilina, Slovačka (2019.-), izvor financiranja: EU fondovi

A.2.1.10.   Istraživač-suradnik „Renewable Energy Sources for Smart Sustainable Helath Centers, University Education and other public buildings-RESCUE" – Interreg IPA Hrvatska Srbija – ESI (2019.-), izvor financiranja: EU fondovi

A.2.1.11.   Istraživač suradnik na Horizon projektu H2020-JTI-EuroHPC-2019-2: Innovating and Widening the HPC use and skills base, tema EuroHPC-04-

2019: HPC Competence Centres, nositelj Univesity of Stuttgart, Germany (2020.-), izvor financiranja: EU fondovi.

A.2.2. Voditelj domaćeg projekta

A.2.2.1. Voditelj znanstveno-istraživačkog projekta „Pametna naljepnica za mjerenje i praćenje uvjeta skladištenja i transporta proizvoda", od 2020.-, EU fondovi

A.2.2.2. Voditelj projekta „Znanstveno-istraživački centar elektrotehnike i računarstva", Sveučilište Josipa Jurja Strossmayera u Osijeku i FERIT, od 2020., EU fondovi

A.2.2.3. Voditelj znanstveno-istraživačkog projekta na FERRIT-u „IoT - polje: Ekosustav umreženih uređaja i usluga za Internet stvari s primjenom u poljoprivredi",Ulaganje u znanost i inovacije, nositelj FER Zagreb, 2020.-, EU fondovi

A.2.2.4. Voditelj znanstveno-istraživačkog projekta MZOŠ „Širokopojasni pristup i internetske usluge u ruralnim područjima" (165-0362027-1479) od 2007.-2013. godine, Elektrotehnički fakultet Osijek, MZO

A.2.2.5. Voditelj projekta za FERIT, "IPv6 sigurnost i privatnost", kao dio zajedničkog projekta "CAR6Net" CARNet-a i SRCE-a Zagreb, 2004.

A.2.2.6. Voditelj projekta na FERIT-u, „Širokopojasni pristup u ruralnim područjima" u okviru zajedničkog projekta „Pogled u budućnost" , HAKOM, FER, EFZG, FESB, 2011.-2017.

A.2.2.7. Voditelj projekta provjere inovativnog koncepta „Multifunkcionalni bežicni sustav kontrole pristupa – mWAC", 2014.-2015., HAMAG BICRO.

A.2.3. Sudjelovanje na znanstvenom projektu

A.2.3.1. Istraživač-suradnik na projektu: "Životni ciklus tehničkih sustava" 1993 - 1996, Elektrotehnički fakultet Osijek, voditelj projekta prof. dr. sc. Franjo Jović, MZO

A.2.3.2. Istraživač-suradnik na projektu: "Brzi sustav identifikacije proizvodnih procesa" 1997. – 2002., Elektrotehnički fakultet Osijek, voditelj projekta prof. dr. sc. Franjo Jović, MZO

A.2.3.3. Istraživač-suradnik na znanstvenom projektu broj 036030: "Call and Service Processing Systems, Signalling and Communicating Protocols for Advanced Network Architectures", Fakultet elektrotehnike i računarstva Zagreb, voditelj projekta prof. dr. sc. Ignac Lovrek, 2001.-2002., MZO

A.2.3.4. Istraživač- suradnik na znanstvenom projektu broj 0165112: "Digitalna radiodifuzija u frekvencijskim opsezima ispod 30 MHz", 2002. – 2006., voditelj projekta prof. dr. sc. Tomislav Švedek, MZO

A.2.3.5. Od 2003. godine sudjeluje u radu istraživačko-razvojnog projekta 0019982 "CRO-grid Infrastruktura"

A.2.3.6. Koordinator za Sveučilište u Osijeku na projektu "Croatian scientific and educational cloud" (HR-ZOO), nositelj SRCE Zagreb (2015.-)

A.2.3.7. Istraživač-suradnik „Primjena Hrvatskog kvalifikacijskog okvira za sveučilišne studijske programe u području elektrotehnike- HKO-ELE", od 2018.-, EU fondovi

A.3. Pozvana predavanja (plenarna, sekcijska)

A.3.1. Međunarodni skupovi

A.3.1.1. Žagar, Drago, Challenges for Education in ICT, 12th International Symposium on Information and Communication Technologies INTSIKT 2016 2016. Tuzla, BiH

A.3.1.2. Žagar, Drago; Križanović, Višnja; Grgić, Krešimir. Business Case Assessments of Fixed and Mobile Broadband Access Networks Deployments // Proceedings of the 20th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2012) - the 2nd Workshop on Regulatory Challenges in the Electronic Communication Market – Invited Session

A.3.2. Domaći skupovi

A.3.2.1. Šljivac D., R. Galić, D. Žagar, Elektrotehnički fakultet Osijek - 3 godine kasnije // Zbornik sažetaka: Engineering Education - The Bologna Process „3 years later", November 8-10, 2007, Zagreb, Croatia, Annual 2007 of Croatian Academy of Engineering, 34-35 Kniewald, Zlatko (ur.).

A.3.2.2. Kralik G, D. Žagar, Bologna Process and Education of Engineers at Josip Juraj Strossmayer University of Osijek, Engineering Education - The Bologna Process „3 years later", November 8-10, 2007, Zagreb, Croatia, Annual 2007 of Croatian Academy of Engineering, 2007., Kniewald, Zlatko (ur.).

A.3.2.3. D. Žagar, Ishodi učenja u obrazovanju studenata na Sveučilištu Josipa Jurja Strossmayera u Osijeku, Radionica o ishodima učenja –SveZaIU, Zagreb, 2008.

A.3.3. Ostala javna predavanja

A.3.3.1. D. Žagar, Autonomy and Accountability, Alps-Adriatic Rectors Conference, Koper, Slovenia, May, 2010.

A.3.3.2. D. Žagar, ICT and Startup Scene, Automotive Computing and Communications Master Study Program, TeamSoc21 Workshop, Valencia 06.05.2019

A.3.3.3. G. Martinović, D. Žagar, Main Challenges in ICT and Software Engineering, SmartSoc Workshop, Žilina 07.09.2020.

A.3.3.4. Martinović, D. Žagar, Smart Technologies for Smart Solutions, SmartSoc Workshop, Žilina 14.05.2021.

A4. Sudjelovanje na znanstvenim skupovima

A4.1. Sudjelovanje na međunarodnim skupovima

A.4.1.1. International Conference Smart Systems and Technologies SST 2020, Osijek Croatia, 2020., General Chair

A.4.1.2. International Conference MIPRO 2020., Opatija 2020.

A.4.1.3. International Conference IWSSIP 2019, Osijek Croatia, June 2019., General Chair

A.4.1.4. International Conference Smart Systems and Technologies SST 2018, Osijek Croatia, 2018., General Chair

A.4.1.5. International Conference Smart Systems and Technologies SST 2017, Osijek Croatia, 2017., General Chair

A.4.1.6. International Conference Smart Systems and Technologies SST 2016, Osijek Croatia, 2016., General Chair

A.4.1.7. 24th International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2016, September 2016 Split, Croatia

A.4.1.8. International Conference on Telecommunications and Signal Processing, 2016. Vienna, Austria, 2016.

A.4.1.9. 12th International Symposium on Information and Communication Technologies INTSIKT 2016-Challenges for Education in ICT, Tuzla. BiH, 2016.

A.4.1.10. International Conference MIPRO 2016., Opatija 2016.

A.4.1.11. International Conference IEEE Sensors Applications Symposium 2015, Zadar, Croatia

A.4.1.12. 12th International Conference on Telecommunications, Contel 2013., Graz, Austria, 2015.

A.4.1.13. International Scientific Conference Science in Practice 2015, May 2015, Schweinfurt, Germany

A.4.1.14. 22th International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2014, September 2014 Split, Croatia

A.4.1.15. Science in Practice 2014, Scientific International Conference, Osijek, 2014.

A.4.1.16. International Conference on Telecommunications and Signal Processing, 2014. Berlin, Germany

A.4.1.17. Horizon 2020 Partnership Establishment Workshop, 2014. Berlin, Germany

A.4.1.18. 3rd Mediterranean Conference on Embedded Computing, Budva, Crna Gora, 2014.

A.4.1.19. International Conference on Telecommunications and Signal Processing, Rim, Italia, 2013.

A.4.1.20. Science in Practice 2013, Scientific International Conference, Bremen, Germany, 2013.

A.4.1.21. 11th International Conference on Telecommunications, Contel 2013., Zagreb, 2013.

A.4.1.22. 20th International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2012. Split, September, 2012.

A.4.1.23. KES International Conference, Dubrovnik, Croatia, 2012.

A.4.1.24. International Conference on Telecommunications and Signal Processing TSP International Conference, Prag, Česka, 2012.

A.4.1.25. 3rd International Conference on Computational Collective Intelligence - Semantic Web, Social Networks & Multiagent Systems, 2011. Gdynia, Poland

A.4.1.26. The 11th ConTEL – International Conference on Telecommunications ConTEL 2011, Graz, Austrija, 2011.

A.4.1.27. ITEA 2 Symposium 2009 & ARTEMIS Autumn Event 2009, October 28th - 30th 2009, Madrid, Spain.

A.4.1.28. 1st International Conference on Computational Collective Intelligence - Semantic Web, Social Networks & Multiagent Systems, 5-7 October, 2009 Wrocław, Poland

A.4.1.29. 17th International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2009. Split-Hvar, September 24.- 26., 2009

A.4.1.30. 9th WSEAS International Conference on SIMULATION, MODELLING and OPTIMIZATION, Budapest, September, 3-5 2009.

A.4.1.31. The 10th ConTEL – International Conference on Telecommunications ConTEL 2009, Zagreb, Croatia, June 8-10, 2009

A.4.1.32. UNeECC General Assembly Meeting and Annual Conference 16-17 October 2008, Liverpool, United Kingdom.

A.4.1.33. Science in Practice 2008, 26th Joint Scientific International Conference, Osijek, Croatia,2008.

A.4.1.34. Scientific conference with international participation: Engineering Education - The Bologna Process „3 years later", Zagreb, Croatia, November 8-10, 2007

A.4.1.35. International Conference Science in practice, Schweinfurt, Germany, 15. - 16. October 2007.

A.4.1.36. International Conference IFAC Agricontrol 2007, Osijek, Croatia, September 2007.

A.4.1.37. Science in Practice 2007, 25th Joint Scientific International Conference, Bremen, Germany, 2007.

A.4.1.38. 9th International Conference on Telecommunications, Contel 2007., Zagreb, June 13-15. 2007.

A.4.1.39. International Conference Science in practice, Schweinfurt, Germany, 2005.

A.4.1.40. 8th International Conference on Telecommunications, Contel 2005., Zagreb, June 14-16. 2005.

A.4.1.41. XXVIII International Conference MIPRO 2005., Opatija 2002.

A.4.1.42. 7th International Conference on Telecommunications, Contel 2003., Zagreb, June 11-13. 2003.

A.4.1.43. 9th IEEE International Conference on Electronics, Circuits and Systems - ICECS 2002, September 15-18, 2002, Dubrovnik, Croatia.

A.4.1.44. XXV International Conference MIPRO 2002., Opatija 2002.

A.4.1.45. 24st International Conference on Information Technology Interfaces, Cavtat, 2002.

A.4.1.46. XXIV International Conference MIPRO 2001., Opatija, 2001.

A.4.1.47. 6th International Conference on Telecommunications, Contel 1999.,Zagreb, Croatia, June 1999.

A.4.1.48. International Symposium Electronics in Marine ELMAR '96, Zadar, June 1996.

A.4.1.49. 5th International Conference on Telecommunications, Contel 1995.,Zagreb, Croatia, June 1995.

A.4.1.50. International Conference Science in practice, Pecs, Hungary, 1995.

A.4.1.51. International Conference Science in practice, Osijek, Croatia, 1993

A.4.1.52. International Conference Science in practice, Bremen, Germany, 1992.

A.5. Znanstvena društva

A.5.1. Član Znanstvenog vijeća za tehnološki razvoj Hrvatske akademije znanosti i umjetnosti, 2019.-

A.5.2. Član Nadzornog odbora A3 asocijacije (Adriatic Aerospace Association), od 2017. godine

A.5.3. Član suradnik Akademije tehničkih znanosti Hrvatske, od 2017. godine.

A.5.4. Član udruge The Institute of Electrical and Electronics Engineers, Inc. U.S.A.- IEEE (Communications Society), od 2001. i IEEE Senior Member od 2013. godine.

A.5.5. Član znanstvenog odbora Rektorske konferencije Alpe-Jadran (AARC) od 2006. do 2013. godine.

A.5.6. Član udruge Association of Computing Machinery (ACM), od 2007. i član Izvršnog odbora Hrvatske ACM sekcije, od 2012.

A.5.7. Član je znanstveno/stručnog udruženja KES International, Inteligent Systems Society, od 2012.-

A.5.8. Član tehničkog komiteta za Computational Collective Intelligence, IEEE udruženja System, Man and Cybernatrics Society, od 2011.-

A.7. Član uređivačkog odbora znanstvenog časopisa

A.7.1. Međunarodni znanstveni časopis IJECES (International Journal of Electrical and Computing Engineering System), izdavač: Fakultet elektrotehnike,

računarstva i informacijskih tehnologija Osijek, član uređivačkog odbora od 2010. do 2013., glavni i odgovorni urednik, od 2013.-

A.7.2. Član uređivačkog odbora međunarodnog znanstvenog časopisa IJACR, International Journal of Advanced Computing Research, od 2012.

A.7.3. Član uređivačkog odbora i Savjeta međunarodnog znanstvenog časopisa Tehnički vjesnik, od 2013. godine

A.8. Član znanstvenog ili programskog odbora znanstvenog skupa

A.8.1. General Chair, International Conference Smart Systemas and Technologies SST 2020, Osijek Croatia, October 2020.

A.8.2. General Chair, International Conference IWSSIP 2019, Osijek Croatia, June 2019.,

A.8.3. General Chair, International Conference Smart Systemas and Technologies SST 2018, Osijek Croatia, October 2018.

A.8.4. General Chair, International Conference Smart Systemas and Technologies SST 2017, Osijek Croatia, October,2017.

A.8.5. General Chair, International Conference Smart Systemas and Technologies SST 2016, Osijek Croatia, October, 2016.,

A.8.6. General Chair, Science in Practice 2014, Scientific International Conference, Osijek, October 2014.

A.8.7. Member of Steering Comitee and Technical Programme Committee, 44th International Conference on Telecommunications and Signal Processing (TSP) virtually July 26-28, 2021.

A.8.8. Member of International Program Comitee, International Conference on Telecommunications, Contel 2021, Zagreb, Croatia, 29 June – 2 July 2021

A.8.9. Member of International Program Comitee, 13th International Conference on Computational Collective Intelligence, 29 September – 1 October 2021, Rhodes, Greece

A.8.10. Member of International Program Comitee, 13th Asian Conference on Intelligent Information and Database Systems, 7-10 April 2021 OnLine

A.8.11. Member of International Program Comitee, International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Kocaeli, Turkey, August 25-27, 2021

A.8.12. Member of International Program Comitee, 29th Telecommunications Forum TELFOR 2021, 23 - 24 November 2021, Belgrade, Serbia

A.8.13. Committee member, ACIIDS 2020 (12th Asian Conference on Intelligent Information and Database Systems), 23-26 March 2020 Phuket, Thailand

A.8.14. Committee member, WIMS 2020, 10th International Conference on Web Intelligence, Mining and Semantics, 30th June - 3rd July 2020, Biarritz - France

A.8.15. Member of Steering Comitee and Technical Programme Committee, 43rd International Conference on Telecommunications and Signal Processing (TSP), July 7-9, 2020, Milan, Italy

A.8.16.   Member of International Program Comitee, ICCCI 2020 (12th International Conference on Computational Collective Intelligence), 30 November – 3 December 2020, Da Nang, Vietnam

A.8.17.   Member of International Program Comitee, INISTA 2020 - International Conference on INnovations in Intelligent SysTems and Applications (INISTA), August 24–26, 2020, Novi Sad, Serbia

A.8.18.   Member of International Program Comitee, 28th Telecommunications Forum TELFOR 2020, 24 - 25 November 2020, Belgrade, Serbia

A.8.19.   Member of International Program Comitee, The Fifteenth Advanced International Conference on Telecommunications, AICT 2019 July 28, 2019 to August 01, 2019 - Nice, France

A.8.20.   Member of International Program Comitee, International Conference on Telecommunications, Contel 2019, Graz, Austria, July 3–5, 2019.

A.8.21.   Member of International Program Comitee, ACIIDS 2019 (11th Asian Conference on Intelligent Information and Database Systems), Yogyakarta, Indonesia, April 8–11, 2019

A.8.22.   Member of International Program Comitee, ICCCI 2019 (11th International Conference on Computational Collective Intelligence), Hendaye, France, September 4–6, 2019

A.8.23.   Member of International Program Comitee, IEEE (SMC) INISTA 2019 Sofia, Bulgaria, July 2019.

A.8.24.   Member of Steering Comitee and Technical Programme Committee, 42nd International Conference on Telecommunications and Signal Processing, TSP 2019, Budapest, Hungary, July 1-3, 2019.

A.8.25.   Member of International Program Comitee, IEEE (SMC) INISTA 2018 Thessaloniki, July 2018

A.8.26.   Program committee member, ACIIDS 2018 (10th Asian Conference on Intelligent Information and Database Systems), Dong Hoi City, Vietnam, March 19-21, 2018,

A.8.27.   Program Committee member, 19th International Conference on Engineering Applications of Neural Networks (EANN 2018) Bristol, UK, 3-5 September 2018.

A.8.28.   Member of Steering Comitee and Technical Programme Committee, 41st International Conference on Telecommunications and Signal Processing, TSP 2018, Jul 4, 2018 - Jul 6, 2018, Athens, Greece

A.8.29.   Member of International Program Comitee, ICICS2018 (PC member of Track 9: Digital Living including E-Learning, E-Governement and E-Health), October 29-31, Lille, France

A.8.30.   Member of International Program Comitee, ICCCI 2018 (10th International Conference on Computational Collective Intelligence), Sep 5, 2018 - Sep 7, 2018, WE Bristol, United Kingdom

A.8.31.   Member of International Program Comitee, ICICS2017 (The 8th International Conference on Information and Communication Systems), April 4-6, 2017 — Irbid, Jordan

A.8.32.   Member of International Program Comitee, ICCCI 2017 (9th International Conference on Computational Collective Intelligence), Nicosia, Cyprus 27 - 29 September, 2017

A.8.33. Member of International Program Comitee, EANN 2017 (18th International Conference on Engineering Applications of Neural Networks), Athens, Greece, August 25-27

A.8.34. Member of International Program Comitee, ACIIDS 2017 (9th Asian Conference on Intelligent Information and Database Systems), Kanazawa, Japan, April 3-5, 2017

A.8.35. Member of International Program Comitee, International Conference on Telecommunications, Contel 2017, Zagreb, Croatia, June 28-30, 2017.

A.8.36. Member of Steering Comitee and Technical Programme Commitee, 40th International Conference on Telecommunications and Signal Processing (TSP), July 5-7, 2017, Barcelona, Spain

A.8.37. Member of International Program Comitee, 12th International Conference on Artificial Intelligence Applications and Innovations (AIAI'16), Thessaloniki, Greece, Sep 16, 2016 - Sep 18, 2016

A.8.38. Member of International Program Comitee, 12th International Symposium on Information and Communication Technologies INTSIKT 2016-Challenges for Education in ICT, Tuzla, Bosnia and Herzegovina, 6 June 2016

A.8.39. Member of International Program Comitee, The 21th IEEE Symposium on Computers and Communications (ISCC 2016), 27-30 June 2016, University of Messina, Messina, Italy

A.8.40. Member of Steering Comitee and Technical Programme Commitee, 39th International Conference on Telecommunications and Signal Processing (TSP 2016), 27.- 29.6.2016., Beč, Austrija

A.8.41. Member of International Program Comitee of 8th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2016), Da Nang, Vietnam, 14-16 March 2016

A.8.42. Member of International Program Comitee of the 38th International Conference on Telecommunications and Signal Processing (TSP), July 9-11, 2015, Prague, Czech Republic.

A.8.43. Member of International Program Comitee of 7th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2015), Bali, Indonesia, 2015.

A.8.44. Member of International Programm Comitee of the 11th International Conference on Artificial Intelligence Applications and Innovations (AIAI'15), 14-17 September 2015, Bayonne/Biarritz – France

A.8.45. Member of Technical Program Committee 10th IEEE Sensors Applications Symposium (IEEE SAS 2015), Zadar, Croatia,13-15 April 2015.

A.8.46. Member of International Programm Comitee of the Conference on Telecommunications - Contel 2015., 13-15 July 2015., Graz, Austria

A.8.47. Member of International Programm Comitee ISCC 2015 - The Twentieth IEEE Symposium on Computers and Communications, 06-09 July 2015, Larnaca, Cyprus.

A.8.48. Member of International Programm Comitee, 19th IEEE symposium on Computers and Communications ISCC, Madeira, Portugal, June 2014.

A.8.49. Scientific Programme Committee Member, 37th International Conference on Telecommunications and Signal Processing (TSP), July 1-3, 2014, Berlin, Germany,

A.8.50. 10th International Conference on Artificial Intelligence Applications and Innovations (AIAI 2014), Island of Rhodes, Greece, September 19-22, 2014

A.8.51. Member of the Programme Committee,6th International Conference on Computational Collective Intelligence Technologies and Applications - ICCCI 2014, 24th-26th September 2014, COEX, Seoul, Korea.

A.8.52. Member of International Program Comitee, 6th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2014), Bangkok, Thailand in April 7-9, 2014

A.8.53. Member of the Programme Committee, 5th International Conference on Computational Collective Intelligence Technologies and Applications - ICCCI 2013, 11-13 September 2013 in Craiova, Romania.

A.8.54. Member of International Programm Comitee, 18. IEEE symposium on Computers and Communications ISCC, Split Croatia, July 2013.

A.8.55. Member of International Programm Comitee, Conference on Telecommunications - Contel 2013., June 2013., Zagreb, Croatia

A.8.56. Member of International Programm Comitee, Conference on Telecommunications - Contel 2011., Graz, Austria, June 15–17, 2011.

A.8.57. Member of International Programm Comitee, Conference on Telecommunications - Contel 2009., June 30 - July 2, 2021, Zagreb, Croatia

A.8.58. Member of International Programm and Scientific Comitee,International Conference Science in Practice, Osijek 2008.

A.8.59. Program Committee Member, 3rd IEEE International Conference On Information & Communication Technologies, April 2008 (Damascus)

A.8.60. Member of International Programm Comitee, Conference on Telecommunications - Contel 2007, Zagreb, Croatia, June 13–15, 2007.

A.8.61. Member of International Programm Comitee, Agricontrol 2007. 2ndIFAC International Conference on Modeling and Design of Control Systems in Agriculture, 03-05 September 2007, Osijek, Croatia

A.8.62. Member of the scientific committee, 6th WSEAS Int. Conference on Distance Learning And Web Engineering (DIWEB '06) Lisbon, Portugal, September 22-24, 2006 -

A.8.63. Member of International Scientific Comitee, 6th WSEAS Int. Conf. on Systems Theory And Scientific Computation (ISTASC'06), Elounda, Agios Nikolaos, Crete Island, Greece, August 18-20, 2006

A.8.64. Member of International Scientific Comitee, 3rd WSEAS/IASME International Conference on Engineering Education (EE'06) Vouliagmeni, Athens, Greece, July 11-13, 2006

A.8.65. Member of International Scientific Comitee, The 5th WSEAS International Conference on Circuits, Systems, Electronics, Control & Signal Processing, Dallas, Texas, USA, November 1-3, 2006

A.8.66. Member of International Scientific Comitee, 5th WSEAS Int.Conf. on Education And Educational Technology (EDU'06), Tenerife, Canary Islands, Spain, December 16-18, 2006

A.8.67. Member of International Programm Committee "Workshop on Signals and Systems in Human Motion", SoftCOM 2004, October 10-13, 2004, Split, Croatia

A.8.68. Member of International Scientific Committee of the International Conference: 2004 WSEAS Engineering Education, and WSEAS Int. Conf. on Automation & Information (ICAI'04) , Venice, Italy, Nov. 15-17, 2004.

A.8.69. Member of International Scientific Committee, 6th WSEAS Int. Conf. on Mathematical Methods And Computational Techniques In Electrical Engineering (MMACTEE 2004), 29 - 31 Dec 2002, Athens, Greece

A.8.70. Member of the International scientific committee, 3rd WSEAS Int. Conf. on Non-Linear Analysis, Non-Linear Systems And Chaos (NOLASC 2004), Vouliagmeni, Athens, Greece, December 29-31, 2004

A.8.71. Member of the scientific committee, 4th WSEAS Int. Conf. on Wavelet Analysis And Multirate Systems (WAMUS 2004) Vouliagmeni, Athens, Greece, December 29-31, 2004.

A.9. Znanstvena nagrada/priznanje

A.8.1. Nagrada za najbolji projekt ITEA za 2010. godinu ITEA Gold Medal 2010 (first prize among all the projects completed during 2010) in the ITEA / Artemis Co-Summitt held in Belgium on 26 and 27 October.

A.8.2. Godišnja nagrada Vukovarsko-srijemske županije, za iznimna postignuća u području znanosti i visokog obrazovanja, 09. studenog 2018. godina

A.8.3. Plaketa Sveučilišta u Mostaru, za iniman doprinos razvoju Sveučilišta kroz istaknuti rad na znanstvenom, nastavnom i stručnom polju, 05. prosinca 2018.

A.8.4. Zlatna plaketu "Grb grada Vinkovaca" za iznimna postignuća u području znanosti i visokog obrazovanja, 2019.

A.8.5. Zlatna plaketa Sveučilišta u Mostaru, Fakultet strojarstva, računarstva i elektrotehnike za izniman doprinos razvitku Fakulteta povodom 60. obljetnice Fakulteta, studeni 2019.

A.10. Gostujući znanstvenik, znanstveno usavršavanje

A.9.1. Gostujući znanstvenik na Sveučilištu u Sarbruckenu, (University of Saarland, 1998. godine)

A.9.2. Na Tehničkom sveučilištu u Beč pohađao i završio poslijediplomsko usavršavanje u području laserske tehnologije (1995/1996)

A.9.3. Studijski boravak i istraživanje na doktorskoj disertaciji na Fakultetu elektrotehnike i računarstva u Zagrebu (ožujak – srpanj 2001.)

B. NASTAVNA DJELATNOST

B1. Program i uvođenje novih predmeta

U razdoblju 2003./2005. godine obavljao je dužnost Prodekana za nastavu na Elektrotehničkom fakultetu u Osijeku te je aktivno sudjelovao u izradi novih preddiplomskih, diplomskih i poslijediplomskih studijskih programa elektrotehnike i računarstva usklađenih s Bolonjskim procesom. U razdoblju od 2013. do 2021., kao dekan Fakulteta elektrotehnike, računarstva i informacijskih tehmnologija Osijek, inicirao je brojna unaprjeđenja studijskih programa te je aktivno uključen u projekte usklađivanja studijskih programa prema Hrvatskom kvalifikacijskom okviru.

Tijekom 2006. godine radio je na ustroju i izradi studijskog programa specijalističkog poslijediplomskog studija "Napredne komunikacijske tehnologije", čiji je i voditelj.

Između ostalih uveo je slijedeće kolegije:

Preddiplomski sveučilišni studij:

B.1.1. Nastavni program za obvezni kolegij "Komunikacijske mreže"

Diplomski sveučilišni studij:

B.1.2. Nastavni program za obvezni kolegij: "Mreže računala"
B.1.3. Nastavni program za obvezni kolegij: "Komunikacijski protokoli"
B.1.4. Nastavni program za izborni kolegij: "Kodovi i kodiranje"

Stručni studij:

B.1.5. Nastavni program za obvezni kolegij: "Računalne i komunikacijske mreže"
B.1.6. Nastavni program za obvezni kolegij: "Informacija i informacijski sustavi"
B.1.7. Nastavni program za izborni kolegij: "Kodiranje i zaštita informacije"

Poslijediplomski doktorski studij:
B.1.8. Nastavni program za kolegij: "Tehnologije interneta", na Elektrotehničkom fakultetu u Osijeku
B.1.9. Nastavni program za kolegij: "Analiza i sinteza komunikacijskih protokola", na Elektrotehničkom fakultetu u Osijeku
B.1.10. Nastavni program za kolegij: "Projektiranje telekomunikacijskih sustava", na Elektrotehničkom fakultetu u Osijeku
B.1.11. Nastavni program za kolegij: "Kvaliteta usluge", na Elektrotehničkom fakultetu u Osijeku
B.1.12. Nastavni program za kolegij: " Ekonomija i ICT", na Ekonomskom fakultetu u Osijeku

Poslijediplomski specijalistički studij:

B.1.13. Nastavni program za kolegij: " Kvaliteta i usluge u IP mrežama", na Elektrotehničkom fakultetu u Osijeku

B.2. Otvaranje, ustrojstvo i organizacija novih laboratorija, vježbališta, praktikuma i sl. (nabava i instalacija opreme osobnim angažiranjem)

B.2.1. U suradnji s prof. dr. T. Švedekom ustrojio je laboratorij za "Elektroničke komponente".

B.2.2. U suradnji s prof. dr. F. Jovićem ustrojio je laboratorije za "Informacije i komunikacije" te "Mreže računala i terminala".

B.2.3. Ustrojio i rukovodio nabavom opreme za laboratorij za Telekomunikacije

B.2.4. 2008./2009. Ustrojio je Laboratorij za bežične senzorske mreže u okviru projekta Eureka – ITEA – European Sensor Network Architecture, na Elektrotehničkom fakultetu u Osijeku

B.3. Autorstvo i suautorstvo udžbenika

B.3.1. V. Križanović, K. Grgić, D. Tomić, <u>D. Žagar</u>, Mreže računala - laboratorijske vježbe, udžbenik Sveučilišta u Osijeku, UDK 004.7(075.8), (075.8)(076), ISBN 9789536032938, Grafika Osijek, 2018. godina.

B.3.2. P. Josipović, <u>D. Žagar</u>, S. Rupčić, Elektroničke komponente i osnovni sklopovi, priručnik za laboratorijske vježbe, udžbenik Sveučilišta u Osijeku, UDK 621.37 (075.8)(076.5), ISBN 953-6032-39-2, 2004. godina.

B.3.3. <u>D. Žagar</u>, T. Švedek, M. Antunović, Elektroničke komponente, priručnik za laboratorijske vježbe, udžbenik Sveučilišta u Osijeku, UDK 621.382 (076.5), ISBN 953-6032-33-3, 2002. godina.

B.5. Autorstvo internih skripta, uputa za vježbe, javno dostupni materijali za predavanja

B.5.1. Žagar D., S. Rupčić, S Rimac-Drlje, „Elektromagnetsko zračenje baznih postaja i utjecaj zračenja na ljudski organizam", interna skripta, Osijek 2005.

B.5.2. Komunikacijske mreže, elektronička predavanja Loomen sustav za e-učenje - nastavni materijal za kolegije: Komunikacijske mreže na preddiplomskim studijima elektrotehnike i računarstva FERIT

B.5.3. Mreže računala, elektronička predavanja Loomen sustav za e-učenje - nastavni materijal za kolegij: Mreže računala na diplomskom studiju elektrotehnike FERIT

B.5.4. Komunikacijski protokoli, elektronička predavanja Loomen sustav za e-učenje- nastavni materijal za kolegij: Komunikacijski protokoli na diplomskom studiju elektrotehnike, smjer komunikacije i informatika FERIT

B.5.5. Kodovi i kodiranje, elektronička predavanja Loomen sustav za e-učenje- - nastavni materijal za kolegij: Kodovi i kodiranje na diplomskom studiju elektrotehnike – smjer komunikacije i informatika, FERIT Osijek.

B.6. Mentorstvo i podizanje znanstvenog podmlatka

B.6.1. Na poslijediplomskom doktorskom studiju bio je mentor dr.sc. Draženu Tomiću, koji je doktorsku disertaciju obranio 2018. godine.

B.6.2. Na poslijediplomskom doktorskom studiju bio je mentor dr.sc. Goranu Horvatu, koji je doktorsku disertaciju obranio 2017. godine.

B.6.3. Na poslijediplomskom doktorskom studiju bio je mentor dr.sc. Višnji Križanović-Čik, koja je doktorsku disertaciju obranila 2014. godine.

B.6.4. Na poslijediplomskom doktorskom studiju bio je mentor dr.sc. Krešimiru Grgiću, koji je obranio doktorsku disertaciju 2011. godine.

B.6.5. Na poslijediplomskom studiju za stjecanje magisterija znanosti vodio je mr.sc. Hrvoja Očevčića., koji je magistarski rad obranio 2011. godine.

B.6.6. Na poslijediplomskom studiju za stjecanje magisterija znanosti vodio je mr.sc. Dražena Tomića, dipl.ing., koji je 2008. obranio magistarski rad

B.6.7. Na poslijediplomskom specijalističkom studiju bio je mentor Igoru Fosiću, koji je rad obranio 2011. godine

B.6.8. Na poslijediplomskom specijalističkom studiju bio je mentor Igoru Marijaševiću, koji je obranio rad 2011. godine.

B.6.9. Bio je mentor za više od 150 studenata na preddiplomskim, dodiplomskim i stručnim studijima.

B.7. Poslijediplomska nastava

Predavanja iz predmeta:

B.7.1. Od akademske 2004./2005. - "Tehnologije interneta" na poslijediplomskom doktorskom studiju Elektrotehničkog fakulteta u Osijeku.

B.7.2. Od akademske 2004./2005. - "Analiza i sinteza komunikacijskih protokola" na poslijediplomskom doktorskom studiju Elektrotehničkog fakulteta u Osijeku.

B.7.3. Od akademske 2004./2005. - "Projektiranje telekomunikacijskih sustava" na poslijediplomskom doktorskom studiju Elektrotehničkog fakulteta u Osijeku.

B.7.4. Od akademske 2004./2005. - "Kvaliteta usluge" na poslijediplomskom doktorskom studiju elektrotehnike Elektrotehničkog fakulteta u Osijeku.

B.7.5. Od akademske 2007./2008. "Ekonomija i ICT", na poslijediplomskom doktorskom studiju Ekonomskog fakulteta u Osijeku .

B.7.6. Od akademske 2006./2007. - "Kvaliteta i usluge u IP mrežama", na poslijediplomskom specijalističkom studiju „Napredne komunikacijske tehnologije" Elektrotehničkog fakulteta u Osijeku.

B.7.7. Od akademske 2015./2016. – „Informacijske tehnologije i multimedijske komunikacije", Sveučilište u Osijeku, Doktorska škola društveno-humanističkih znanosti, Poslijediplomski interdisciplinarni doktorski studij Komunikologija

B.8. Dodiplomska nastava (predavanja, vježbe, seminari . . .)

B.8.1. Sudjelovao je u provedbi laboratorijskih i auditornih vježbi na Fakultetu elektrotehnike, računarstva i informacijskih tehnologija Osijek na sljedećim kolegijima:

- Informacija i komunikacije
- Mreže računala i terminala
- Materijali u elektrotehnici
- Elektroničke komponente
- Informacijska tehnika
- Mreže računala

B.8.2. Kao nositelj od akademske godine 2002./2003. do 2004./2005. drži predavanja na kolegijima:
- Mreže i protokoli – sveučilišni dodiplomski studij elektrotehnike
- Informacijski sustavi i kodovi - sveučilišni dodiplomski studij elektrotehnike.
- Komunikacijski protokoli - sveučilišni dodiplomski studij elektrotehnike.
- Informacija i komunikacije – stručni studij elektrotehnike.
- Računalne mreže i otvoreni sustavi – stručni studij elektrotehnike.

B.8.3. Kao nositelj od akademske godine 2005./2006. do danas nositelj je kolegija i/ili drži predavanja na kolegijima:
- Komunikacijske mreže - sveučilišni preddiplomski studij elektrotehnike i računarstva.
- Mreže računala - sveučilišni diplomski studij elektrotehnike i računarstva.
- Kodovi i kodiranje - sveučilišni diplomski studij elektrotehnike.
- Komunikacijski protokoli - sveučilišni diplomski studij.
- Informacija i informacijski sustavi– stručni studij elektrotehnike.
- Računalne i komunikacijske mreže – stručni studij elektrotehnike.
- Kodiranje i zaštita informacije – stručni studij elektrotehnike.

B.9. Osnivanje i operacionalizacija novih studija

U razdoblju 2003./2005. godine obavljao je dužnost Prodekana za nastavu na Elektrotehničkom fakultetu u Osijeku te je sudjelovao u osnivanju i operacionalizaciji novih preddiplomskih, diplomskih i poslijediplomskih studijskih programa elektrotehnike i računarstva usklađenih s Bolonjskim procesom:
- Preddiplomski sveučilišni studij elektrotehnike
- Preddiplomski sveučilišni studij računarstva
- Stručni studij elektrotehnike
- Diplomski sveučilišni studij elektrotehnike
- Diplomski sveučilišni studij računarstva

Tijekom 2006. godine radio je na ustroju i operacionalizaciji studijskog programa specijalističkog poslijediplomskog studija "Napredne komunikacijske tehnologije", čiji je i voditelj.

Osim navedenih studijskih programa, kao dekan FERIT-a, sudjelovao je u izradi diplomskog sveučilišnog studijskog programa Automobilsko računarstvo i

komunikacije (na hrvatskom i engleskom jeziku), kao i novog doktorskog sveučilišnog studija elektrotehnike i računarstva.

B.11. Osnivanje i operacionalizacija ljetnih škola, tečajeva

B. 11.1.   Organizacija te održavanje predavanja u sklopu tečaja stručnog usavršavanja za djelatnike VIPNet-a: "Elektromagnetsko zračenje baznih postaja i utjecaj zračenja na ljudski organizam", 2005.

C. STRUČNA DJELATNOST

C.1.   Dužnosti

C.1.1.   Dužnosti dekana, prodekana, predstojnika odjela ili zavoda

C.1.1.1. Dekan Elektrotehničkog fakulteta u Osijeku, Sveučilište u Osijeku (od 1. listopada 2013.-2017. i 2017.-)
C.1.1.2. Prodekan za nastavu Elektrotehničkog fakulteta u Osijeku (od 1. listopada 2003. do 31. prosinca 2005. godine)
C.1.1.3. Predstojnik Zavoda za komunikacije na Elektrotehničkom fakultetu Osijek (od 2006. do 2014. godine)
C.1.1.4. Predsjednik Katedre za tekekomunikacije i radiokomunikacije (od 2006. do 2020.)

C.1.2.   Dužnosti u tijelima sveučilišta

C.1.2.1. Prorektor za nastavu i studente Sveučilišta Josipa Jurja Strossmayaera u Osijeku od 2006. do 2013.
C.1.2.2. Član Senata Sveučilišta u Osijeku (u akademskoj 2004./2005. te od siječnja 2006.. godine do danas)
C.1.2.3. Predsjednik Povjerenstva za dodjelu Rektorove nagrade 2006.-2013.
C.1.2.4. Član nacionalnog vijeća Top stipendije za top studente
C.1.2.5. Predsjednik Povjerenstva za dodjelu sveučilišnih stipendija 2006.-2013.
C.1.2.6. Član Odbor za financijsko poslovanje i proračun 2013.-2017.
C.1.2.7. Predsjednik Odbora za nastavu i kadrovsku politiku 2006.-2013.
C.1.2.8. Predsjednik Odbora za izdavačku djelatnost 2006.-2013.
C.1.2.9. Predsjednik i član Povjerenstva za preddiplomske, diplomske i stručne studije 2006.-
C.1.2.10. Predsjednik Odbora za priznanja Sveučilišta 2006.-2013.

C.1.2.11.Predsjednik Odbora za šport, tjelesnu i zdravstvenu kulturu 2006.-2013.

C.1.2.12.Predsjednik Odbora za unaprjeđivanje i osiguranje kvalitete visokog obrazovanja 2006.-2013.

C.1.2.13.Predsjednik i član Povjerenstva za Erasmus mobilnost, 2016.-

C.1.2.14.Europsko studentsko prvenstvo u nogometu 2015. – član Organizacijskog odbora i predsjednik Izvršnog odbora

C.1.2.15.Projekt „Hrvatski znanstveni i obrazovni oblak", nositelj SRCE Zagreb, koordinator za Sveučilište u Osijeku

C.1.3.   Dužnosti u državnim tijelima i institucijama

C.1.3.1. Član Povjerenstva za unaprjeđenje postupka upisa na visoka učilišta, Agencije za znanost i visoko obrazovanje i Ministarstva znanosti, obrazovanja i sporta (2013.-2015.)

C.1.3.2. Član Povjerenstva Vlade Republike Hrvatske i MZOS za izradu Strategije razvoja obrazovanja, znanosti i tehnologije (2013./2014.)

C.1.3.3. Član Povjerenstva Vlade Republike Hrvatske za provedbu Hrvatskog kvalifikacijskog okvira (2010. godine)

C.1.3.4. Član Područnog znanstvenog vijeća za tehničke znanosti od 2009. do 2013. godine.

C.1.3.5. Predsjednik i član Upravnog vijeća Veleučilišta „Lavoslav Ružička" u Vukovaru (od 2012. do 2015.)

C.1.3.6. Član Nacionalnog vijeća za digitalnu ekonomiju od 2017.-

C.1.3.7. Predsjednik nadzornog odbora Centra komptetencija Vinkovci, od 2019.-

C.1.3.8. Predsjednik Upravnog vijeća CARNeta, od 2019.-

C.1.3.9. Član Znanstvenog vijeća za tehnološki razvoj Hrvatske akademije znanosti i umjetnosti, 2019.-

C.1.3.10.Član Partnerskog vijeća Osječko-baranjske županije, od 2020.-

C.5. Stručni rad objavljen u zborniku radova, s međunarodnog stručnog skupa

C.5.1.   D. Žagar, I. Sušenka. The Intranet, Technology and Maintenance, in Croatian, u zborniku međunarodnog skup održavatelja, Opatija 2000.

C.5.2.   Žagar, Drago; Glavaš, Hrvoje, Pogled u budućnost, energetska učinkovitost u prometu s osvrtom na intermodalni promet, (Looking ahead to energy efficiency in traffic with reference to intermodal traffic), HAKOM VII. Okrugli stol dionika na tržištu željezničkih usluga s naglaskom na Slavoniju i važnost luka unutarnjih voda, Vukovar, 15.09.2017

C.7. Sudjelovanje na međunarodnom stručnom skupu

C.7.1.   Međunarodni skup održavatelja, Opatija 2000.

C.7.2.   Međunarodni znanstveno stručni skup Organizacija i Tehnologija Održavanja OTO 2017, Osijek

C.7.3.   Međunarodni znanstveno stručni skup Organizacija i Tehnologija Održavanja OTO 2018, Osijek

C.7.4.   Međunarodni znanstveno stručni skup Organizacija i Tehnologija Održavanja OTO 2019, Vinkovci

C.8. Sudjelovanje na domaćem stručnom skupu

C.8.1.   Stručni skup održavatelja, Županja 2000.

C.8.2.   HAKOM VII. Okrugli stol dionika na tržištu željezničkih usluga s naglaskom na Slavoniju i važnost luka unutarnjih voda, Vukovar, 15.09.2017

C.12. Stručna društva, radne grupe

B.12.1.   Član je Hrvatske komore inženjera elektrotehnike, od 2003. godine,

B.12.2.   Član Skupštine i Vijeća područnog odbora Hrvatske komore inženjera elektrotehinke (od 2018. godine)

B.12.3.   Član je tehničkog odbora TO E500 Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama, Hrvatskog zavoda za norme.

C.13. Član programskog ili stručnog odbora stručnog skupa

C.13.1.   Corema, Automatizacija u prometu, Osijek, studeni 2018.

C.13.2.   26. Međunarodni znanstveno stručni skup Organizacija i Tehnologija Održavanja OTO 2017, Osijek

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