



Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) **Prof.dr Adis Balota**
Address(es) Pera Cetkovic 147/16, Podgorica, Montenegro
Telephone(s) +382 67 499 900
E-mail adis.balota@unimediterran.net
Date of birth 29th December 1974

Work Experience

Dates	2022 -
Occupation or position held	Internal IT audit and DPO
Name and address of employer	Lovćen bank Montenegro
Dates	2019 - 2022
Occupation or position held	Head of the General Data Protection and Digital Transformation Service
Name and address of employer	Lovćen bank Montenegro
Dates	2022
Occupation or position held	Full profesor
Name and address of employer	Mediterranean University in Podgorica
Dates	2019
Occupation or position held	Member of the audit committee of the Bank
Name and address of employer	Lovćen bank Montenegro
Dates	2017 – 2019
Occupation or position held	Vice rector for education
Name and address of employer	Mediterranean University in Podgorica
Dates	2014 – 2019
Occupation or position held	Dean
Name and address of employer	Faculty of Information Technology, Mediterranean University in Podgorica
Dates	2017
Occupation or position held	Associate professor
Subjects	<i>Computer Networks Administration, Information Systems Security and Protection, Information System Management, Project Management</i>
Name and address of employer	Mediteran University in Podgorica, Faculty of Information Technology
Dates	2016

Occupation or position held **Director**
Subjects Fund for Health Insurance

Dates **2012 – 2017**

Occupation or position held **Docent**
Subjects *Area of Information Technology, subjects: Computer Systems Architecture, Information System Management, Information Systems Security and Protection, Computer Networks Administration and Computer networks design and development.*

Name and address of employer Mediteran University in Podgorica, Faculty of Information Technology

Dates 2010 – 2014
Occupation or position held Member of the Board of Directors of Montenegro Defence industry..
Name and address of employer Government of Montenegro

Dates **2009 – 2014**
Occupation or position held **Deputy Minister** in the Ministry of Information Society and Telecommunications, Department for IT Infrastructure
Name and address of employer Ministry of Information Society and Telecommunications

Dates 2009 – 2010
Occupation or position held **Vice Dean** for Education in the Faculty of Information Technology
Name and address of employer Mediteran University in Podgorica, Faculty of Information Technology

Dates 2006 – 2011
Occupation or position held Assistant
Name and address of employer Mediteran University in Podgorica, Faculty of Information Technology

Dates 2003 – 2009
Occupation or position held **Head of Department for Information System Development**
Name and address of employer Republic Fund for Health Insurance

Dates 1st October 2002 – 31st March 2003
Occupation or position held Staff training in IRS
Name and address of employer **Barents group - USAID**

Dates 1999 – 2003
Occupation or position held System Engineer in IT Centre
Name and address of employer Republic Secretariat for Development of Montenegro

Education

Dates	2011
Title of qualification awarded	Ph.D. of Technical Sciences
Name and type of organisation providing education and training	Faculty of Electrical Engineering in Sarajevo. (Thesis: Power Information Systems Security)
Level in national or international classification	VIII
Dates	2005
Title of qualification awarded	MSc of Electrical Engineering (Thesis: Assessment of Complex (Production/Transfer) Power Systems Reliability – grade 10)
Name and type of organisation providing education and training	Faculty of Electrical Engineering in Podgorica
Level in national or international classification	VII-2
Dates	1999
Title of qualification awarded	Graduated Electrical Engineer (Thesis: Analysis of Power Sources Reliability – grade 10)
Name and type of organisation providing education and training	Faculty of Electrical Engineering in Podgorica
Level in national or international classification	VII-1
Dates	1992
Title of qualification awarded	High School
Name and type of organisation providing education and training	High School Graduate IV

Training	
Certificate	Coaching for Performance and Thought Leadership,. Academy Europe, 2023.
Certificate	Information systems' risk identification and control with special reference to ISO 27001 and 27002, versions from 2022. Decembar 2022. Zagreb
Certificate	MEST EN ISO/IEC 27001:2019, oktobar 2021.
Certificate	GDPR radionica, 2021. Zagreb
Certificate	IT security in Finances from the Aspect ISO 31000, ISO/IEC 27001, GDPR and IT Audit, 15-18/052018
Certificate	Specialist training / Certification for the field of INFORMATION SYSTEM AUDIT, 17-21 Jun 2015, Podgorica, Montenegro (Lecturer)
Certificate	ECDL authorised examiner
Certificate	Court expert for ICT area; appointed by Judicial Council of Montenegro
Certificate	Several certificates from the area of IT security and protection
Certificate	Hands-on Cyber Defence Training Course for System Network Administrators of Montenegro
Certificate	NATO Advanced Training Course - Regional Summer School on Syber Defence. 20-26 October 2013 Ohrid, Macedonia
Certificate	NATO training: Hands-on Cyber Defence Training Course for System Network Administrators of Montenegro. Middle East Technical University (METU)in Ankara, Turkey from 16 to 27 Septembar 2013.
Certificate	Internation Law Enforcement Academy (ILEA) Budapest. Training Course: "Financial Investigative Techniques Course" provided by IRS Criminal Investigation Devision. Budapest, Hungary , Novembar 24-28,2014

Certificate	Internacional Conference on Power Systems Transients – IPST2015, Cavtat, Cratia, june 15-18, 2015.
Certificate	LEAD/EXTERNAL AUDITOR FOR INFORMATION SECURITY MANAGEMENT SYSTEMS ISO/IEC 270001:2013 (Certificate No: 009/ISMS/2016)
Certificate	LEAD/EXTERNAL AUDITOR FOR QUALITY MANAGEMENT SYSTEMS ISO/QM 9001:2015 (Certificate No: 027/QMS/2016)
Certificate	IT system auditor

Other references

- ✓ In december 2021 gained rank **Full professor** at the Faculty for Information Technologies of the University Mediteran for the following subjects:
 - **Computer Networks Administration,**
 - **Information Systems Security and Protection,**
 - **IT project management**
 - **Project Management**
 - **Management of ICT services**

- ✓ Lecturer at: Undergraduate, Specialist and Master Studies
- ✓ Lecturer at Doctoral Studies
- ✓ President of National Council for Cyber Security of Montenegro (2012-2014)

Consulting Engagement:

2015-2020	Lecturer at the Institute of Internal Auditors of Montenegro (IIA Montenegro) for acquiring qualifications for Certified Accountant (Subject: Information Systems and Audit of Information Systems)
2018	Certificate: IT security in Finances from the Aspect ISO 31000, ISO/IEC 27001, GDPR and IT Audit, 15-18/052018
2015	Specialist training / Certification for the field of INFORMATION SYSTEM AUDIT, 17-21 Jun 2015, Podgorica, Montenegro (Lecturer)
2015-2016	National Contact Person (NCP) for the field of Information and Communication Technologies (ICT) in the new EU Framework program for research and innovation "HORIZON 2020" (2014-2020)
2015	5th Conference on Cyber Crime: Cyber Terrorism and New Cyber Threats in Montenegro: March 12 -13, 2015., Pržno-Budva, Montenegro. (Lecturer)
2014	IT coordinate activities aimed at planning, designing, developing and piloting the National Transfusion Medicine Information System (NTMIS) in Montenegro, within the EU IPA Blood Project, implemented by WHO (World Health Organization) Regional Office for Europe

2014	Seminar on the subject: "High Tech Crime", 5 - 6/112014, Pržno-Budva, Montenegro (Lecturer)
2014	Regional Conference "High Tech Crime – experiences from the USA and regional countries", 10-11/04/2014, Pržno-Budva, Montenegro (Lecturer)
2014 - 2015	IT coordinate activities aimed at planning, designing, developing and piloting the National Transfusion Medicine Information System (NTMIS) in Montenegro, within the EU IPA Blood Project, implemented by WHO (World Health Organization) Regional Office for Europe
2013 - 2014	Health Insurance Fund Information System of The Republic of Kosovo; Contract with the Government of Kosovo and World Bank
2013.	Manual on cyber crime for the needs of training the judges and prosecutors in Montenegro – Organization for Security and Co-operation in Europe (OSCE)
2011-2016	Seven audits of Information System (ISO 27001, ISO 9001) for six companies
2007. –2009.	Montenegro Health System Improvement Project – IT component, within the reform of primary health care in Montenegro. Consultant of the World Bank.
2007. – 2008	Audits of information systems of 10 business banks in Montenegro – External Consultant of State Commission for Securities of Montenegro. Audits of the following institutions in Montenegro.
2007 – 2015	<u>Audit of Information System of:</u> <ul style="list-style-type: none"> • National Transfusion Medicine Information System (NTMIS) in Montenegro - External Consultant (ISO 27001, ISO 9001) • Hypo Alpe Adria Bank - External Consultant GAP Analiza (2015/2016) • Alter Modus (Micro-credit Financial Institution) 2015 - (ISO 27001, ISO 9001) • Unicredit Bank - External Auditor engaged by Unicredit Bank (2015) (ISO 27001, ISO 9001) • Hypo Alpe Adria Bank – External Auditor engaged by Hypo Alpe Adria Bank (2014) • Atlas Bank Montenegro – External Auditor engaged by Atlas Bank (2011, 2013)
	Audits of information systems of business banks in Montenegro – External Consultant of State Commission for Securities of Montenegro. Audits of the following institutions in Montenegro: <ul style="list-style-type: none"> • Atlas Penzioni Fond (Atlas Pension Fund) • IBM Banka • Crnogorska komercijalna banka (Montenegrin Commercial Bank) – custody • Hipotekarna banka – kastodi • Holder broker Podgorica • Hypo – Alpe-Adria-Bank AD Podgorica – custody • Market Invest – Voluntary Pension Fund • NLB kastodi banka • NLB Penzioni Fond • Prva banka- kastodi

RESEARCH PAPERS

1. Luca Braidotti, Saša Aksentijević, Edvard Tijan, **Adis Balota**: "The use of Bluetooth Beacons in Maritime Emergencies Mobile safety and security - DigLogs pilot project by University of Trieste". 2021 10th Mediterranean Conference on Embedded Computing (MECO). 7-10 June 2021. DOI: 10.1109/MECO52532.2021.9460235, Date

Added to IEEE Xplore: 01 July 2021. Electronic ISBN:978-1-6654-3912-1. Print on Demand(PoD) ISSN: 2377-5475

2. Selma Grebović ; **Adis Balota** ; Nermin Oprašić, "Lightning Outage Performance of Power Distribution Line Located in Mountain Lovćen Area". 2020 9th Mediterranean Conference on Embedded Computing (MECO). 11.-14 June 2020 Budva, Montenegro. DOI: 10.1109/MECO.49872.2020.9134352. Date Added to IEEE Xplore: 07 July 2020. Electronic ISBN: 978-1-7281-6949-1. CD: 978-1-7281-6947-7.
3. Selma Grebović ; Nermin Oprašić, **Adis Balota** ; " Influence of Shunt Reactor Switching on Overvoltages in 400 kV Substation ". 2020 9th Mediterranean Conference on Embedded Computing (MECO). 11.-14 June 2020 Budva, Montenegro. DOI: 10.1109/MECO.49872.2020.913 4116. Date Added to IEEE Xplore: 07 July 2020. Electronic ISBN: 978-1-7281-6949-1. CD: 978-1-7281-6947-7.
4. **Adis Balota** ; Selma Grebović ; Maja Delibašić, "Calibration of Sensors for Lightning Stroke Measurement". 2019 8th Mediterranean Conference on Embedded Computing (MECO). 10-14 June 2019 Budva, Montenegro. DOI: 10.1109/MECO.2019.8760183. **Date Added to IEEE Xplore:** 15 July 2019. **Electronic ISBN:** 978-1-7281-1740-9. **Print ISBN:** 978-1-7281-1739-3, **ISBN:** 978-1-7281-1741-6.
5. Selma Grebovic ; Nermin Oprasic ; **Adis Balota**, " Evaluation of Method for Lightning Current Waveform Parameter Extraction". 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe). DOI: **10.1109/ISGTEurope.2018.8571674**. Electronic ISBN: 978-1-5386-4505-5, USB ISBN: 978-1-5386-4504-8, Print on Demand(PoD) ISBN: 978-1-5386-4506-2. Publisher: IEEE
6. Selma Grebovic ; Ivo Uglesic ; **Adis Balota** ; Bojan Franc, " Analytics of Lightning Data Collected by the Direct Measurement System and Lightning Location System" 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe). DOI: **10.1109/ISGTEurope.2018.8571806**. Electronic ISBN: 978-1-5386-4505-5. USB ISBN: 978-1-5386-4504-8. Publisher: IEEE
7. **Adis Balota**, Selma Grebović, Sreten Škuletić, Tijana Vujičić, Petar Radunović, " System of connections and transport of data registered from lightning discharges". Our reference MICPRO2727. PII S0141-9331(18)30140-6. DOI **10.1016/j.micpro.2018.07.011**. **Journal:** Microprocessors and Microsystems. 2018.
8. **Adis Balota**, Sreten Škuletić, Selma Grebović, " Mathematical model for calculation of complex (production/transmission) electric power system reliability" 2018 7th Mediterranean Conference on Embedded Computing (MECO). 10-14 June 2018 Budva, Montenegro. Date Added to IEEE Xplore: 09 July 2018. INSPEC Accession Number: 17914992. **Electronic ISBN:** 978-1-5386-5683-9. **Print on Demand(PoD) ISBN:** 978-1-5386-5684-6. DOI: 10.1109/MECO.2018.8405995.
9. Snezana Scepanovic, Suzana Loshkovska, **Adis Balota**, Petar Radunovic, Ivan Knezevic, Tijana Vujicic, Darko Petrusic, Ilija Antovic "Case Studies of Dynamic SOA Services for The Healthcare Systems in Montenegro and

- Macedonia" – 9TH ICT Innovations conference 2017. 18-23 september Skoplje, R.Macedonia. pp 38-47 ISSN 1865-0937.
10. Petar Radunovic, Tijana Vujicic, **Adis Balota** "Web Application for Lightning Activity Monitoring System (LAMS)" - ISTI 2017 - Information Systems and Technologies. Proceedings of the 12th Iberian Conference on Information Systems and Technologies. 21 to 24 of June 2017 Lisboa, Portugal / Lisbon, Portugal. IEEE SMC, IEEE Portugal Section ISBN: 978-989-98434-7-9. Pages 1425-1428. INSPEC Accession Number: 17028886.
DOI: 10.23919/CISTI.2017.7975856
 11. **Adis Balota**, Selma Grebović, Tijana Vujičić, Petar Radunović, "System of Connections and Links for Transport Data on Lightning Discharges", IEEE 6th Mediterranean Conference on Embedded Computing (MECO 2017 - 6th, Montenegro 2017), Page: 542-546, IEEE Xplore compliant ISBN 978-1-5090-6741-1, IEEE # CFP1739T-PRT, ISSN 2377-5475. INSPEC Accession Number: 17030225. **DOI: 10.1109/MECO.2017.7977153**.
 12. **Adis Balota**: " Model of Calculating Indicators of Power System Reliability" 40th Internacional ICT Convention MIPRO 2017; MSB – Modeling system behaviour, Opatija Croatia, Page: 483-487. ISSN 1847-3938. Technical cosponsorship IEEE Region 8. ISBN 978-953-233-093-9. (www.mipro.hr). 22.maj–26.maj 2017.(www.mipro.hr).
 13. **A. Balota**, D. Strujić, S. Grebović, H.-D. Betz "Lightning monitoring on broadcasting tower Lovćen" 33rd Internacional Conference on Lightning Protection - ICLP, Estoril, **DOI: 10.1109/ICLP.2016.7791359** ; Electronic ISBN: 978-1-5090-5843-3; Print on Demand(PoD) ISBN: 978-1-5090-4843-4. Portugal 25-30 Septembar 2016
 14. **Adis Balota**, Selma Grebović "Importance of Lightning Activity Monitoring Systems in Transient Analysis on Wind Turbine Blade". Environment Friendly Energies and Applications – EFEA 2016. **DOI: 10.1109/EFEA.2016.7748804**. Electronic ISBN: 978-1-5090-0749-3. USB ISBN: 978-1-5090-0748-6. Print on Demand (PoD) ISBN: 978-1-5090-0750-9. Publisher: IEEE Belgrade 14-16 Septembar 2016.
 15. Nadja Žarić, Snežana Šćepanović, **Adis Balota**, Dženan Strujić "Application and using corporate learning management systems in IT companies" 7th Internacional Conference on eLearning (eLearning-2016). 22-23 Septembar 2016, Beograd, Serbia ISBN broj: 978-86-89755-09-1.
 16. Tripo Matijević, Tijana Vujičić, Jelena Ljućević, Petar Radunović, **Adis Balota** "Performance Analysis of Girvan-Newman Algorithm on Different Types of Random Graphs", Central European Conference on Information and Intelligent Systemss – CECIIS, Varaždin, Croatia, 27th Internacional Conference 2016, Sep 21st – 23st, 2016. Pages: 11-16, ISSN 1847-2001 (Print) ISSN 1847-2295 (on-line).
 17. Tijana Vujičić, Tripo Matijević, Jelena Ljućević, **Adis Balota**, Zoran Ševarac, "Comparative Analysis of Methods for Determining Number of Hidden Neurons in Artificial Neural Network" Central European Conference on Information and Intelligent Systemss – CECIIS, Varaždin, Croatia, 27th Internacional Conference 2016, Sep 21st – 23st, 2016. Pages: 11-16, ISSN 1847-2001 (Print) ISSN 1847-2295 (on-line)
 18. **A.Balota**, D. Strujić, T.Sadovic, S.Sadović, I.Uglašić, H.D.Betz: "Lightning Activity Monitoring System on Mountain Lovćen, Montenegro", International Colloquium on Lightning and Power System – ICLPS, Bologna, Italy, June 27-29.2016. god. CIGRE Italy (www.cigre.org)
 19. **A.Balota**, S. Grebović", T.Sadovi", "Lightning Activity Monitoring System in Real Time", IEEE 5th Mediterranean Conference on Embedded Computing (MECO 2016 - 5th, Montenegro 2016), Page: 460-463, IEEE Xplore

- compliant ISBN 978-1-5090-2222-9, IEEE # CFP1639T-ART, COBISS.CG- ID 29126928. **DOI:10.1109/MECO.2016.7525692**. IEEE Conference Publications
20. B.Popović, **Adis Balota**, Dž. Strujić: " Visual representation of predictions in software development based on software metrics history data" 39th Internacional ICT Convention MIPRO 2016; DC VIS – Distributed Computing, Visualization and Biomedical Engineering, Opatija Croatia, Page: 370-375. ISSN 1847-3938. Technical cosponsorship IEEE Region 8. ISBN 978-953-233-087-8. (www.mipro.hr). 30.maj – 3.jun 2016.(www.mipro.hr). Pages: 352-357, **DOI: 10.1109/MIPRO. 2016.7522166** IEEE Conference Publications
 21. Dominic S. Haazen, Zlatan Sabic, **Adis Balota**. "Digital Dividends", Word Bank Group, Poglavlje 2, str. 190-194. ISSN: 0163-5085; ISBN: 978-1-4648-0671-1; e-ISBN 978-1-4648-0672-8; **DOI:10.1596/978-1-4648-0671-1**. Januar 2016
 22. S.Sadovic, T. Sadovic, **A. Balota**, S. Grebovic, "Use of Line Surge Arresters in the Reduction of Double Circuit Line Outages", International Conference & Workshop REMOO-2015 - TECHNOLOGICAL, MODELLING AND EXPERIMENTAL ACHIEVEMENTS IN ENERGY GENERATION SYSTEMS 23–24September 2015, Budva, Montenegro.
 23. **Doc.dr Adis Balota**: " Information System of the Institute for Blood Transfusion of Montenegro" 38th Internacional ICT Convention MIPRO 2015; DC VIS – Distributed Computing, Visualization and Biomedical Engineering, Opatija Croatia, Page: 417-421. ISSN 1847-3946. Technical cosponsorship IEEE Region 8. ISBN 978-953-233-083-0. (www.mipro.hr). May 25-29, 2015.(www.mipro.hr)
 24. MA Dženan Strujić, **Doc.dr Balota** Adis, Blažo Popović : "Software metrics as the backbone of reducing the risk of developing enterprise software solutions" YulInfo 2015 - 21st Conference and Exhibition, Kopaonik, 08-11 March 2015; ISBN: 978-86-85525-15-5 Page 151-156. (www.yuinfo.org)
 25. S.Sadovic, T.Sadovic, H.D.Betz, **A.Balota**: "Linghtning Activity Monitoring on Telecom Towers" INSA Lyon, France, May 12-14.2014. god. CIGRE France (www.cigre.org)
 26. **Doc.dr Adis Balota** and group of auhors: "High-tech Crime – practical guide through modern Criminal Law and examples from practice" Book ISBN 978-9940-500-15-3, Podgorica, March 2014
 27. **Doc.dr Adis Balota**: "Legal protection of software by intellectual property rights" Expertus Foremsis – Magazine of court experts of Montenegro, ISSN-1451-4672; October 2013
 28. Prof.dr Ramo Šendelj, **Adis Balota MA**, Ivana Ognjanović MA: " Analyzes of the Information System of Primary Health Care of Montenegro", OLS Journals - Software Engineering , Management & Applications *(ICSEMA 2011*) SVol. 1-2, Avugust, 2011 Zurich, ISSN 2091-0266, Pages:124-130.
 29. **Balota Adis MA**, Prof.dr Ramo Šendelj: "Calculation of reliability parameters of EE systems" 17th International Electrical Engineering Symposium EIS 2009, 03-06 May 2009 in Šibenik, Croatia.
 30. **Balota Adis MA**, Reković Denis, Glomazić Zoran, Šendelj Ramo: "Electronic prescription in primary health care in Montenegro" Yu Info 2009 Kopaonik, 08/03- 11/03/2009, Serbia
 31. Šendelj Ramo, **Balota Adis MA**, Glomazić Zoran, Reković Denis: "Application for the chosen doctor – „contact“ Yu Info 2009 Kopaonik, 08/03- 11/03/2009, Serbia
 32. Reković Denis, Šendelj Ramo, **Balota Adis**, Glomazić Zoran: "IS security in health care" Yu Info 2009 Kopaonik, 08/03- 11/03/2009, Serbia

33. dr Salih Sadović, **Adis Balota MA**: "Application for centralised monitoring of system administrator operation security and SCADA administrator", Infofest 2008, Budva, 28/09 – 04/10/2008, Budva, Crna Gora
34. dr Salih Sadović, **Adis Balota MA**: "Communication links safety in electroenergetic information systems", 5th Conference on Information and Communication Technologies, 1-4/10/2008, Mostar, Bosnia & Herzegovina
35. dr Salih Sadović, **Adis Balota MA**: "Security system in WAN of Electric Power Company – proposal of security rules", 16th International Electrical Engineering Symposium EIS 2008, 05-07 May 2008 in Šibenik, Croatia.
36. **Adis Balota MA**, Zoran Glomazić, Denis Reković: "Electronic prescription in primary health care in Montenegro" South Eastern Europe Congress of Clinical Pharmacology and Pharmacotherapy in Health Care, Novi Sad, Serbia, June 01-03 2008
37. Zoran Glomazić, **Adis Balota MA**, Denis Reković; Electronic invoice in health system of Montenegro, XXIII ICT Conference and Exhibition INFOTECH 2008. Vrnjačka Banja, Serbia 02-05 June 2008.
38. **Adis Balota MA**, Zoran Glomazić, Denis Reković, Đuro Kostić: "IT support in processes of primary health care", First prize in the field of health- Diskobolus 2007, Belgrade, December 2007
39. **Adis Balota MA**, Zoran Glomazić, Denis Reković "IT system of primary health care as a basis for development of integral IT health system" Congress JISA, June 6-10, 2007 Herceg Novi.
40. dr Vujica Lazović, **Adis Balota MA**, Zoran Glomazić, Denis Reković "IS of Health Insurance Fund – exercising rights" Congress JISA, June 6-10, 2007 Herceg Novi.
41. S. Škuletić, **A. Balota**. „Reliability assessment of composite power system" IEEE Conference on Electrical and Computer Engineering Canadian may 1-4, 2005 Saskaton Inn Sasatchewan, Canada Pages: 1718 - 1721, **DOI: 10.1109/CCECE.2005.1557314**.
42. S. Škuletić, **A. Balota**, E. Spahić „Calculation of switching surges using the method of standing waves,, VI Scientific IT Conference, Žabljak 2001.

PATENTS

- **Adis Balota**, Method of measuring lightning current stroke (lightning discharges). Register No. 02569, Intellectual Property Office of Montenegro

RESEARCH FIELDS

Information System Management, Information System Security and Protection, Computer Network Administration and Computer Network Design and Development. IS management and design.

Electric power systems. Security of power information systems. Reliability of complex / composite power systems. Alternative sources of energy. Quality of electric energy. Computer Systems Architecture,

PROJECTS

1. Project of introducing a new e-banking system, 2020-2021. Lovćen bank
2. Introduction of the new e-banking system and connection with the CORE system. Lovćen bank
- 3.
4. Project: IT coordinate activities aimed at planning, designing, developing and piloting the National Transfusion Medicine Information System (NTMIS) in Montenegro, within the EU IPA Blood Project, implemented by WHO (**World Health Organization**) Regional Office for Europe, 2014-2015.
5. Project: Health insurance fund information system of the republic of Kosovo; Contract with the Government of Kosovo and World Bank, Decembar 2013-2014
6. Project: NATO Advanced Training Course - Regional Summer School on Cyber Defence. 20-26 October 2013 Ohrid, Macedonia
7. Project: Hands-on Cyber Defence Training Course for System Network Administrators of Montenegro. Informatics Institute of the Middle East Technical University (METU) in Ankara, Turkey from 16 to 27 September 2013.
8. Project "Development, Management and Implementation of Legal IT system in Montenegro" – Head of the Team, period 2011/2012.
9. Project "Establishment of National CIRT team in Montenegro" – Project Manager, period 2010-2011.
10. Project "Introduction of PKI infrastructure for legal and physical entities in Montenegro – Public CA"; member of working group, 2010.
11. Project "Introduction of PKI infrastructure for the needs of state authorities and administrative bodies in Montenegro – Internal CA" ; member of working group of the Ministry for Information Society, 2009.
12. Project "Development of IS for the needs of dentistry in Montenegro" – engaged as a Project Manager, period 2010/2011.
13. Project "IT system of General Hospitals in Montenegro" – engaged as a Project Manager, period 2009/2010.
14. Project "IT system for Distance Learning – DLS of Mediterranean University" – Project Manager, period 2009/2010.
15. Project "IT system of Student Service of Mediterranean University" - Project Manager, period 2008/2010.
16. Project "Setting up the IT infrastructure of the Faculty of Information Technologies" - Project Manager, period 2008/2009.
17. Project "Design, construction and implementation of the Business Information System of Mediterranean University" Project Manager, period 2007/2008.
18. Project "Montenegro Health System Improvement Project" – World Bank consultant for the field of IT component for Montenegro; August 2007
19. Project: "Introduction of IT system in primary health care as a support to the reform – pilot project", Project manager; March 2007

20. Project: "IT support for the exercise and control of rights according to the mandatory health insurance", Republic Fund for Health Insurance, February 2006.
21. Project: "Migration of IS of the Republic Fund for Health Insurance to on-line operation, with a single - Oracle 10g" (HP StorageWorks EVA 4000, L3 switch, L2 switch, Internet Firewall, MIPNet Firewall)", August 2005
22. Project: "Migration of IS of the Republic Fund for Health Insurance and Montefarm pharmacies to on-line operation by MPLS multi-service network of Montenegrin Telecom" and their services of MIPNet (Montenegrin IP Network), May 2005.
23. Project: "Selecton of Medical Doctor" – Project of the Ministry of Health within the primary health care reform – 2005.
24. Project: "Control of use and distribution of drugs" - Project of the Republic Fund for Health Insurance – 2004.
25. Project: "Health Fund IS with modules: Records of the insured persons, Financial Management, Contribution payers, Fixed Assets, Payroll, Personnel, Work of medical boards". Project of the Republic Fund for Health – 2003.
26. Project: "Computer network of the Republic Fund for Health" (headquarters, 20 branch offices i 43 Montefarm pharmacies,) /370 computer places, server farm, L2 Switching, Router Cisco 3620 with primary ISDN. Project of the Republic Fund for Health – 2003.
27. Project: "Control of use and distribution of drugs" – the main prize for Health, Chamber of Commerce of Serbia and Montenegro, Diskobolus 2003, Belgrade 2003.
28. Project: "Computer network of the Parliament of Montenegro (48 computer places, L2 Switching, connection to the network of state authorities of Montenegro)" Project of the Republic Secretariat for Development – 2001
29. Project: "Installation and preparation of servers and workstations for the purpose of upgrading the project MATIČARSTVO" (Unix servers WinNT of workstation), which is implemented in 4 municipalities, with further implementation ahead" Project of the Republic Secretariat for Development – 2001
30. Project: "Computer network of the new business centre of the ministries (420 computer places, server farm, Gigabit Ethernet, L2 i L3 Switching)", Project of the Republic Secretariat for Development – 2000
31. Project: "Protection of the network of state authorities from malicious programmes – viruses", Project of the Republic Secretariat for Development – 1999
32. Project: "VISION" Project of the Republic Secretariat for Development – 1999.

RESEARCH PROJECTS

- ***Electrical Energy Markets and Engineering Education" – ELEMEND***

Provider: European Commission

Program: ERASMUS +

Project Coordinator: Faculty of information technology

Duration: 2017-2020

- **IPA project Montenegro Medical Tourism Information System – MMTIS**
 Provider: Ministry of Finance
 Program: IPA
 Project Coordinator: Faculty of information technology
 Duration: 2016-2017

- **Construction of monitoring station for lightning research on the mountain Lovćen - LAMS**
 Provider: World Bank, Ministry of Science
 Program: INVO
 Project Coordinator: Faculty of information technology
 Duration: 2015-2017

- **IPA project: “Promoting Connectivity of Internet Broadband in the Accursed Mountain Border Area**
 Provider: European Commission
 Program: IPA
 Project Coordinator: Ministry for Information Society and Telecommunications
 Duration: 2013-2015

- **FP7 project: “Enhanced government learning- EAGLE**
 Provider: DCU Univerzitet Dablin - Irska
 Program: FP7
 Duration: 2013-2015

- **TEMPUS project “Enhancement of cyber educational system of Montenegro – ECESM” Grant**
 Provider: European Commission
 Program: TEMPUS
 Project Coordinator: University of Maribor, Slovenia
 Duration: 2013-2016

- **Support and Inclusion of students with disabilities at higher education institutions in Montenegro SINC@HE**
 Grant Provider: European Commission
 Program: TEMPUS
 Project Coordinator: University of Macedonia, Greece
 Duration: 2012-2015

PARTICIPATION IN WORKING GROUPS AND TEAMS (2010 – 2014)

1. **Working Group** for the Preparation of Negotiations on the Accession of Montenegro to the European Union (hereinafter: the Working Group) in the area of the *acquis communautaire* of the EU related to the negotiating chapter 10 - Information Society and Media. **2013. Member of the working group**
2. **Strategy** for Open source technology use in Montenegro; 2011; **coordinator**
3. **Strategy** for Disaster Recovery implementation (Strategy for providing data in case of a disaster for the purposes of state authorities and administrative bodies in Montenegro; 2012; **coordinator**
4. **Strategy** for information society development in Montenegro for the period 2012 – 2016; **working group member**
5. **Study** including defined responsibilities of state authorities fighting against cyber (computer) crime; 2012; **coordinator**
6. **Council** for Information Security; 2013; **President**

7. **Law** on Information Security; 2010; **working group member**
8. **Decree** on Information Security measures; 2010; **working group member**
9. **Rulebooks** on CIRT team work (12 Rulebooks); 2012; **President**
10. **Rulebooks** on Information Security standards; 2013; **President**
11. **Commissions:** participated in the work of a great number Commissions appointed by the Ministers and the Government