



## Europass Curriculum Vitae



### Personal information

Surname(s) / First name(s) **Adis Balota**  
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E-mail [adis.balota@unimediterran.net](mailto:adis.balota@unimediterran.net)  
Date of birth 29<sup>th</sup> December 1974  
Gender Male

### Work Experience

Dates 2014 - present  
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 *Computer Networks Administration, Information Systems Security and Protection, Information System Management, Project Management*  
Name and address of employer Mediteran University in Podgorica, Faculty of Information Technology

Dates **2016**  
Occupation or position held **Director**  
Subjects Republic 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 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 1<sup>st</sup> October 2002 – 31<sup>st</sup> 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  
Level in national or international classification IV

Training	
Certificate	Oracle 10g
Certificate	ECDL authorised examiner
Licence	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	Internation Law Enforcement Academy ( <b>ILEA</b> ) Budapest. Training Course: "Financial Investigative Techniques Course" provided by IRS Criminal Investigation Division. Budapest, <b>Hungary</b> , 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 27001:2013 (Certificate No: 009/ISMS/2016)
Certificate	LEAD/EXTERNAL AUDITOR FOR QUALITY MANAGEMENT SYSTEMS ISO/QM 9001:2015 (Certificate No: 027/QMS/2016)

## Other references

- ✓ In december 2017 gained rank **Assosiate professor** at the Faculty for Information Technologies of the University Mediteran for the following subjects:
  - **Computer Networks Administration,**
  - **Information Systems Security and Protection,**
  - **Information System Management,**
  - **Project Management**
- ✓ 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	Specialist training / Certification for the field of INFORMATION SYSTEM AUDIT, 17-21 Jun 2015, Podgorica, Montenegro ( <b>Lecturer</b> )
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. ( <b>Lecturer</b> )

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 - 6/11/2014, Pržno-Budva, Montenegro ( <b>Lecturer</b> )
2014	Regional Conference "High Tech Crime – experiences from the USA and regional countries", 10-11/04/2014, Pržno-Budva, Montenegro ( <b>Lecturer</b> )
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 ( <b>World Health Organization</b> ) Regional Office for Europe
2013 - 2014	Health Insurance Fund Information System of The Republic of Kosovo; Contract with the Government of Kosovo and <b>World Bank</b>
2013.	Manual on cyber crime for the needs of training the judges and prosecutors in Montenegro – Organization for Security and Co-operation in Europe ( <b>OSCE</b> )
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. <b>Consultant of the World Bank.</b>
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.

## RESEARCH PAPERS

1. A. Balota, D. Strujić, S. Grebović, H.-D. Betz "Lightning monitoring on broadcasting tower Lovćen" 33rd International 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 September 2016
2. 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
3. Publisher: IEEE Belgrade 14-16 September 2016.
4. Nadja Žarić, Snežana Šćepanović, Adis Balota, Dženan Strujić "Application and using corporate learning management systems in IT companies" 7th International Conference on eLearning (eLearning-2016). 22-23 September 2016, Beograd, Serbia ISBN broj: 978-86-89755-09-1.
5. Tripo Matijević, Tijana Vujičić, Jelena Ljucović, Petar Radunović, Adis Balota "Performance Analysis of Girvan-Newman Algorithm on Different Types of Random Graphs", Central European Conference on Information and Intelligent Systems – CECIIS, Varaždin, Croatia, 27th International Conference 2016, Sep 21st – 23st, 2016. Pages: 11-16, ISSN 1847-2001 (Print) ISSN 1847-2295 (on-line).
6. Tijana Vujičić, Tripo Matijević, Jelena Ljucović, Adis Balota, Zoran Ševarec, "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 219st – 223st, 2016. Pages: 11-16, ISSN 1847-2001 (Print) ISSN 1847-2295 (on-line)
7. A.Balota, D. Strujić, T.Sadovic, S.Sadović, I.Uglešić, H.D.Betz: "Linghtning Activity Monitoring System on Mountian Lovcen, Montenegro", International Colloquium on Lightning and Power System – ICLPS, Bologna, Italy, June 27-29.2016. god. CIGRE Italy ([www.cigre.org](http://www.cigre.org))
  8. A.Balota, S. Grebović", T.Sadovi", "Linghting Activity Monitoring System in Real Time", IEEE 5th Mediterranean Conference on Embedded Computing (MECO 2016 - 5th, Montenegro 2016), Page: 460-463, IEEE Xplore complaiant ISBN 978-1-5090-2222-9, IEEE # CFP1639T-ART, COBISS.CG- ID 29126928. DOI:10.1109/ MECO.2016.7525692. IEEE Conference Publications
  9. 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, Visualitization 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](http://www.mipro.hr)). 30.maj – 3.jun 2016.([www.mipro.hr](http://www.mipro.hr)). Pages: 352-357, DOI: 10.1109/MIPRO. 2016.7522166 IEEE Conference Publications
  10. 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
  11. 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.
  12. Doc.dr Adis Balota: " Information System of the Institute for Blood Transfusion of Montenegro" 38th Internacional ICT Convention MIPRO 2015; DC VIS – Distributed Computing, Visualitization 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](http://www.mipro.hr)).May 25-29, 2015.([www.mipro.hr](http://www.mipro.hr))
  13. MA Dženan Strujić, Doc.dr Balota Adis, Blažo Popović : "Software metrics as the backbone of reducing the risk of developing enterprise software solutions" YuInfo 2015 - 21st Conference and Exhibition, Kopaonik, 08-11 March 2015; ISBN: 978-86-85525-15-5 Page 151-156. ([www.yuinfo.org](http://www.yuinfo.org))
  14. 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](http://www.cigre.org))
  15. 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
  16. 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
  17. 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.
  18. 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.

19. 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
20. 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
21. Reković Denis, Šendelj Ramo, Balota Adis, Glomazić Zoran: "IS security in health care" Yu Info 2009 Kopaonik, 08/03- 11/03/2009, Serbia
22. 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
23. 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
24. 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.
25. 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
26. 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.
27. 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
28. 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.
29. 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.
30. S. Škuletić, A. Balota. „Reliability assessment of composite power system" IEEE Conference on Electrical and Computer Engineering Canadian May 1-4, 2005 Saskatoon Inn Sasatchewan, Canada Pages: 1718 - 1721, DOI: 10.1109/CCECE.2005.1557314.
31. 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

## PROJECTS

32. 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
33. Project: Health insurance fund information system of the republic of Kosovo; Contract with the Government of Kosovo and World Bank, Decembar 2013-2014
34. Project: NATO Advanced Training Course - Regional Summer School on Cyber Defence. 20-26 October 2013 Ohrid, Macedonia
35. 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.
36. Project "Development, Management and Implementation of Legal IT system in Montenegro" – Head of the Team, period 2011/2012.
37. Project "Establishment of National CIRT team in Montenegro" – Project Manager, period 2010-2011.
38. Project "Introduction of PKI infrastructure for legal and physical entities in Montenegro – Public CA"; member of working group, 2010.
39. 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.
40. Project "Development of IS for the needs of dentistry in Montenegro" – engaged as a Project Manager, period 2010/2011.
41. Project "IT system of General Hospitals in Montenegro" – engaged as a Project Manager, period 2009/2010.
42. Project "IT system for Distance Learning – DLS of Mediterranean University" – Project Manager, period 2009/2010.
43. Project "IT system of Student Service of Mediterranean University" - Project Manager, period 2008/2010.
44. Project "Setting up the IT infrastructure of the Faculty of Information Technologies" - Project Manager, period 2008/2009.
45. Project "Design, construction and implementation of the Business Information System of Mediterranean University" Project Manager, period 2007/2008.
46. Project "Montenegro Health System Improvement Project" – World Bank consultant for the field of IT component for Montenegro; August 2007
47. Project: "Introduction of IT system in primary health care as a support to the reform – pilot project", Project manager; March 2007
48. Project: "IT support for the exercise and control of rights according to the mandatory health insurance", Republic Fund for Health Insurance, February 2006.
49. 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

50. 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.
51. Project: "Selecton of Medical Doctor" – Project of the Ministry of Health within the primary health care reform – 2005.
52. Project: "Control of use and distribution of drugs" - Project of the Republic Fund for Health Insurance – 2004.
53. 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.
54. 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.
55. Project: "Control of use and distribution of drugs " – the main prize for Health, Chamber of Commerce of Serbia and Montenegro, Diskobolus 2003, Belgrade 2003.
56. 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
57. 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
58. 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
59. Project: "Protection of the network of state authorities from malicious programmes – viruses", Project of the Republic Secretariat for Development – 1999
60. Project: "VISION" Project of the Republic Secretariat for Development – 1999.

## RESEARCH PROJECTS

- ***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. **Strategy** for Open source technology use in Montenegro; 2011; **coordinator**
2. **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**)
3. **Strategy** for information society development in Montenegro for the period 2012 – 2016; **working group member**
4. **Study** including defined responsibilities of state authorities fighting against cyber (computer) crime; 2012; **coordinator**
5. **Council** for Information Security; 2013; **President**
6. **Law** on Information Security; 2010; **working group member**
7. **Decree** on Information Security measures; 2010; **working group member**
8. **Rulebooks** on CIRT team work (12 Rulebooks); 2012; **President**
9. **Rulebooks** on Information Security standards; 2013; **President**
10. **Commissions:** participated in the work of a great number Commissions appointed by the Ministers and the Government