Curriculum Vitae

Ramo Sendelj, PhD

UDG – University Donja Gorica
Humanistic Study,

Cyber Security Department
Donja Gorica, 81000 Podgorica

E-mail	ramo.sendelj@udg.edu.me
Nationality	Montenegro
Date of Birth	11. September 1971
Familiy status	Married, two kids

Education

2004	PhD in Software Engineering, Faculty of Organizational Sciences, University of Belgrade, Serbia
2001	M.Sc in Software Engineering, Faculty of Electrical Engineering, University of Belgrade, Serbia
1995	B.Sc in Information technology, University of Belgrade, Technical Military Academy, Belgrade, Serbia

Profession

Since September 2010	Associate Professor, Research Chair in Cyber Security, Humanistic Study, University of Donja Gorica
January 2006 – August 2013	Dean of Faculty of Information Technology, University "Mediterranean", Podgorica, Montenegro
2009 – 2011	Vice Rector for Education, Finance and Development, University "Mediterranean", Podgorica, Montenegro
2010– 2015	Associate Professor, Faculty of Information Technology, University Mediterannean, Podgorica, Montenegro
2005– 2010	Assistant Professor Faculty of Information Technology, University Mediterannean, Podgorica, Montenegro
2003– 2005	Head of ICT Centre, Military of Serbia and Montenegro, Montenegro
2001 – 2003	Head of Centre for automatic data processing, Military of Serbia and Montenegro, Montenegro
1995– 2003	System analytic, system administrator, databases administrator, programmer, Military of Serbia and Montenegro, Montenegro

Scientific activities

Activities in scientific bodies

- Montenegrin Delegate in H2020 Program Committee for Research Infrastructure , 2013 - current

- Montenegrin Delegate in „European Strategy Forum on Research Infrastructures", 2011 - current

- FP7 expert for Ethics reviewing, Research & Innovation European Commission, 2012 - current

- Higher Education Reform Project, Bologna Experts, 2011 - current

- National expert for Accreditation high education institution in Montenegro, Ministry of Education, Montenegro, 2011 - current

- Member of ICT team for Montenegrin Think Thank Project, Ministry of Science, Montenegro, 2012 - current

- Member of Organisational Comittee International Conference on e-Education (ICeE 2014), Bosnia and Herzegovina,2014 – current

- Member of Steering committee of HERIC Project (Higher Education and Research for Innovation and Competitiveness), Government of Montenegro- Ministry of Science and Ministry of Education, 2013 – current

- Head of Working Group: Roadmap for research infrastructure in Montenegro for 2014-2020, Ministry of Science, Montenegro, 2012 – 2014

- Member of Commission for Education, in Montenegrin Academy of Science and Arts, Podgorica, Montenegro, 2010 – current

- Member of Commission for ICT in Montenegrin Academy of Science and Arts, Podgorica, Montenegro,2010 – current

- Member of Program committee "Festival of Information Technology Achievements- INFOFEST", Budva, Montenegro, 2009 – current

- Member of Program committee "IT Conference", Montenegro, 2009 – current

- Member of Council "Montenegrin Research and Education Network", Podgorica, Montenegro, 2008 – current

Expert education

- July 2016 - *CISCO Training Course 'INTRODUCTION TO THE INTERNET OF EVERYTHING';*Backinghamshire New University, UK

- February 2016 - *NATO Advanced Training Program 'Specialized Cyber Defence Trainings for Civil Servants of Montenegro';* Technical University of Tallinn, Estonia

- June 2015 - *CISCO Training Course 'INTRODUCTION TO CYBER SECURITY';*Backinghamshire New University, UK

- December 2014 - *NATO Advanced Training Course 'TERRORIST USE OF CYBESPACE';*Centre of Excellence Defence Against Terrorism, Turkey, NATO SPSS

- 05-06 December 2013 - European Commission Education & training, Seminar for Bologna and Higher Education Reform Experts, 'Internationalization of higher education Seminar', Podgorica , Montenegro

- 22-24 April 2013 - European Commission Education & training, Seminar for Bologna and Higher Education Reform Experts, 'Cross-border Education Seminar', Madrid , Spain

- 11–12 March 2013 - European Commission Education & training, Seminar for Bologna and Higher Education Reform Experts, 'Organisation and Profile of Doctoral Studies', Kaslik, Lebanon

- 06–07 June 2012 - European Commission Education & training, Seminar for Bologna and Higher Education Reform Experts, 'Modernization of curricula', Oslo, Norway

- December 2014 - NATO Advanced Training Course 'Terrorist Use of

Cyberspace'; Centre of Excellence Defence Against Terrorism, Tureky, NATO SPSS

- September 2013 - Hands-on Cyber Defense Training Course for System/Network Administration; Institute of Informatics, Ankara, Turkey, NATO SPSS

- June 2013 - Java Fundamentals for Trainers; Oracle University, Belgrade, Serbia;

- May 2013 - Java SE 7 Programming Ed.2 PRV; Oracle University, Belgrade, Serbia;

- May - June 2012 - Developing Web Services Using Java Technology, Oracle University, Belgrade, Serbia

- November 2010 - Oracle database 10.g Administration Workshop II; Oracle University, Belgrade, Serbia

- September 2010 - Oracle database 10.g Administration Workshop I; Oracle University, Belgrade, Serbia

- June 2010 - Oracle database 10.g RAC for Administrators; Oracle University, Belgrade, Serbia

- May 2010 - Oracle database 10.g SQL Tuning Workshop; Oracle University, Belgrade, Serbia

- March - July 2010 - Oracle Academy Teacher for PL/SQL Programming, Oracle University

- March – June 2009 - Oracle Academy Teacher for Database Design and SQL Programming, Oracle University, Vienna, Austria

- March 2008 - Oracle Academy Teacher for SQL Programming; Oracle University, Utrecht, Netherlands

- March 2008 - Oracle Academy Teacher for Database Design; Oracle University, Utrecht, Netherlands

Educational activities

Regular lecturer for the following courses for bachelor, master an PhD students of Informatics as well as for postgraduate students at UDG and at other universities:

- *Undergraduate level*: Universities: University Donja Gorica, University Mediterannean: Inofrmation Technology, Information system, Database, Design and Information System

- *Postgraduate level*: Data mining, Advanced database, Cyber-crime, Advanced technics in cyber security

- *PhD level:* Management in Cyber security,

Board memberships at UDG

Head of the UDG Centre for Research & Development (since 2014)

Head of the MSc study progam in Cyber security at UDG (since 2013)

Selected publications

(for a complete list, see www.ramosendelj.me)

Books:

"EU PRACTICE FOR CYBER SECURITY EDUCATION", Editorial Board: Šendelj Ramo, Ognjanović Ivana, Debevc Matjaž, Holbl Marko, Kääramees Marko, Capelli Massimo, Ioras Florin, Guarino Stefano, University Donja Gorica, Podgorica, 2015 (ISBN 978-9940-676-02-5, COBISS.CG-ID 27523856)

"EXISTING EU PRACTICES FOR CYBER SECURITY", Editorial Board: Šendelj Ramo, Ognjanović Ivana, Debevc Matjaž, Holbl Marko, Kääramees

Marko, Capelli Massimo, Bandara Indrachapa, Lombardi Flavio, University Donja Gorica, Podgorica, 2015 (ISBN 978-9940-676-03-2, COBISS.CG-ID 27523600)

Textbook sets (ISBN 978-86-303-1689-0, COBIS.CG-ID 205341472): (Item I) I.Ognjanović, R.Šendelj, **"ALGORITMS AND PROGRAMMING**", textbook for high school 3th or 4th year , Bureau of Textbooks, Podgorica, 2013

Textbook sets (ISBN 978-86-303-1689-0, COBIS.CG-ID 205341472):(Item II) I.Ognjanović, R.Šendelj, **"EXERCISE BOOK- ALGORITMS AND PROGRAMMING"**, for high school 3th or 4th year , Bureau of Textbooks, Podgorica, 2014

R.Sendelj - "**INTRODUCTION TO INFORMATION TECHNOLOGIES",** handbook for course Information Technology at Faculty of Information Technology University Mediterannean, Podgorica, 2007

Book chapters (International)

R. Šendelj, I.Ognjanović, *"Framework for optimal selection using a metaheuristic approach and AHP algorithm",* Applications and Theory of Analytic Hierarchy Process, InTech Open Access, March, 2016, ISBN 978-953-51-4664-3

O. Injac, R.Šendelj, "**National Security Policy and Strategy and Cyber Security Risks**", Handbook of Research on Civil Society and National Security in the Era of Cyber Warfare, IGI Global publication, October, 2015, Chapter 2, ISBN13: 9781466687936; EISBN13: 9781466687943

S.Nowakowski, I.Ognjanović, M.Grandbastien, J.Jovanović, R.Šendelj**, "Two Recommending Strategies to enhance Online Presence in Personal Learning Environments"**, Recommender Systems for Technology Enhanced Learning, Research Trends and Applications, Part III, Springer New York, 2014, pp 227-249, DOI 10.1007/978-1-4939-0530-0_11.

R.Šendelj, "Web services", In V.Devedžić, (Ed.) **"Intelligent system technologies"** , FON – School of Business Administration & TEMPUS, ISBN 86-7680-026-X, pp. 241-257, Belgrade, 2004

International Journal:

R.Šendelj, I.Ognjanović, *"Personalized Recommendation Strategies for eLearning: an AHP approach",* Applied Technologies and Innovations , Vol 10, Issue 4, pp.147-153. DOI: http://dx.doi.org/10.15208/ati.2014.22

M.Beko, R.Dinis, R.Šendelj , **"Peak reduction in OFDM using second-order cone programming relaxation",** EURASIP Journal on Advances in Signal Processing 2014, , Springer, 2014:130, DOI: 10.1186/1687-6180-2014-130, August 2014

R.Šendelj, I.Ognjanović, **"Semantically enhanced cyber security over clouds: Methodological approach"**, International Journal of Advances in Computer Networks and Its Security , Vol 4, No.3, September 2014 ISSN: 2250-3757

R.Šendelj, A.Balota, I.Ognjanović , **"Analyzes of the Information System of Primary Health Care of Montenegro"**, OLS Journals- Software Engineering, Management & Application , Vol. 1-2, August 2011, ISSN 2091-0266, Pages: 124-130

D. Milošević,R.Šendelj, C. Sukić**, "Ontology–based Learner Modelling in Intelligent Tutoring Systems"**, TTEM, Journal of Tehnics, Technologies, Education and Management , Vol.5, Number 2, ISSN 1840-1503, Pages:271-277, 2010

D. Milošević,R.Šendelj**, "LeMONT: An Ontology-based Learner Modelling System"**, WSEAS Transactions on Computers , Issue 3, Vol.6, ISSN: 1109-2750, Pages: 455-463, March 2007

R.Šendelj, D. Milošević, **"Integration Interoperable Software Component Into Intelligence Software Systems"**, WSEAS Transactions on Computers , ISSN: 1109-2777. Issue 2, Vol. 3, pp 928-936, April 2004

R.Šendelj, V. Devedžić**, "Fuzzy Systems Based On Component Software",** Fuzzy Sets and Systems , Elsevier, doi>/10.1016/S0165-0114(02)00592-4, January 2004, Vol 141/3, pp. 487-504, January 2004

R.Šendelj, V. Devedžić, **"Representational Hierarchy of Fuzzy Logic Concepts in the OBOA Model"**, Lecture Notes in Computer Science , Elsevier, Vol. 1611, pp 54-63, doi> 10.1007/978-3-540-48765-4_8, 1999

International Conference:

Igor Ognjanović, R.Šendelj, I.Ognjanović, "Impact analyses of Cyber attacks on Cloud systems", BISEC 2016, accepted for publishing

V. Šaban, I.Ognjanović, R.Šendelj, "Comparative analysis of some cryptographic systems", BISEC 2016, accepted for publishing

I. Vujačić, I.Ognjanović, R.Šendelj, "SM@RT HOME: personal security and digital forensic issues", BISEC 2016, accepted for publishing

R.Šendelj, I.Ognjanović, E. Ammenwerth, W. Hackl, "Towards Semantically Enabled Development of Service-Oriented Architectures for Integration of Socio-Medical Data", MECO 2016, accepted for publishing

Igor Ognjanović, R.Šendelj, I.Ognjanović, "Towards developemnt of cloud based solutions for SMEs in Montenegro", 2nd Global Conference on Computer Science, Software, Networks and Engineering (COMENG-2015) , Turkey, 2015

R.Šendelj, I.Ognjanović**, "Cyber Security Education in Montenegro: current trends, challenges and open perspectives"**, 7th annual International Conference on Education and New Learning Technologies (EDULEARN15) , Barcelona, Spain, 2015

D. Tomović, I.Ognjanović, R.Šendelj, **"Security Challenges of Integration of Hash Functions into Cloud Systems**", IEEE Mediterranean Conference on Embedded Computing (MECO 2015) , Montenegro 2015

I.Ognjanović, R. Šendelj, **"Modeling students' preferences and academic performance"**, 7th Int.Conference of Education, Research and Innovation (ICERI14) , ISBN: 978-84-617-2484-0 / ISSN: 2340-1095, p.p.5765 – 5774. Seville 2014

R. Šendelj, I.Ognjanović, L. Kartasidou, **"The National Star Model of Accessibility Support Center for University Students with Disabilities in Montenegro"** , EDULEARN14 Proceedings, 6th International Conference on Education and New Learning Technologies, Barcelona, Spain. 7-9 July, 2014. ISBN: 978-84-617-0557-3 / ISSN: 2340-1117, p.p.7366 – 7374. Publisher: IATED

R.Šendelj, I.Ognjanović, **"Semantically enhanced cyber security over clouds: Methodological approach"** , Proceedings of The International Conference on Advances in Information Processing and Communication Technology (IPCT) , Rome, Italy, 2014, ISBN**:**978-1-63248-021-7, p.p.126 – 131.

R.Šendelj, I.Ognjanović, **"Personalized Recommendation Strategies for eLearning: an AHP approach",** 9th Int. Conference DisCo 2014 , Prague, Czech Republic

I.Ognjanović, R.Šendelj, J.Ljucović, **"Analyses of OP4L services for personalized recommendation of learning resources",** Proceedings of Mediterranean Conference on Embedded Computing IEEE MECO – 2014, Montenegro 2014, ISBN:978-1-4799-4826-0, p.p. 289- 293

Dž.Strujić, R.Šendelj, R.Stojanović, **"Adaptive fuzzy framework for e-**

Learning", Mediterranean Conference on Embedded Computing IEEE MECO – 2013, Montenegro 2013ISBN: 978-9940-9436-1 -5, p.p. 270-273.

Dž.Strujić, R.Šendelj, "**Architecture of systems for creating dynamically adaptive personalized systems for e-learning using semantic technologies",** International Conference on Education Technology and Computer – ICETC 2012 , Cape Town, South Africa, August 2012

T.Matijević, I.Ognjanović, R.Šendelj, **"Enhancement of Software Projects' Function Point Analysis Based on Non-functional Judgments"**, Mediterranean Conference on Embedded Computing IEEE MECO – 2012, Montenegro 2012, ISBN: 978-1-4577-1190-9, p.p. 283-287.

I.Ognjanović, R.Šendelj**, "Teachers' requirements in dynamically adaptive e-learning systems"**, Proceedings of 4th International Conference on Education and new Learning Technologies (EDULEARN12) , Barcelona, Spain, 2012, ISBN: 978-84-695-3491-5, p.p. 2252-2262

Dž.Strujić, R.Šendelj, R.Stojanović, **"Concepts of modern systems for e-learning based on semantic technologies"**, Proceedings of Mediterranean Conference on Embedded Computing IEEE MECO – 2012 , IEEE Conference publication, Montenegro 2012, ISBN: 978-1-4577-1190-9. p.p. 279 - 282,

I.Ognjanović, R.Šendelj, **"A Genetic Algorithm for Optimized Configuration of Business Process Families",** Proceedings of 4th International Conference on Computer Engineering and Technology (ICCET 2012) IPCSIT vol.40 (2012) Singapure, ISSN: 2010-460X. DOI: 10.7763/IPCSIT. p.p.6-12

B.Jovičič, D.Đurić, V.Devedžić, R.Šendelj, **"Agile ERP Systems Development: A Technical Perspective",** Proceeding of the ACM 5th Annual India Software Engineering Conference , ISEC 2012, Kanpur, India, ACM, doi>10.1145/2134254.2134266, ISBN 978-1-4503-1142-7, Pages: 71-74, February 2012

I.Ognjanović, R.Šendelj, **"Making judgments and decisions about relevant learning resources"**, Proceedings of the 20th International Electro-technical and Computer Science Conference , Portoroz, Slovenia (ERK 2011), B, pp.409-412

D.Đurić, J.Jovanović, V.Devedžić, R.Šendelj, **"Modelling ontologies as executable domain specific languages"**, Proceedings of The 3th India Software Engineering Conference, ISEC 2010, ACM, doi>10.1145/1730874.1730892, ISBN:978-1-60558-922-0, Pages: 83-92, March 2010

Regional conference (West Balkan countries)

R. Šendelj, "*Sistem obrazovanja u oblasti Sajber bezbjednosti u Crnoj Gori*", Prva konferencija o Sajber Bezbjednosti – Budva, June, 2017

M. Matijević, R. Šendelj, "*Unapređenje Infrastrukture obrazovnog Sistema Crne Gore primjenom Cloud Computing-a* ", Informacione Tehnologije – IT Zabljak, 2017.

K. Duraković, I. Ognjanović, R. Šendelj "Challenges in the application of digital certificates in Montenegro" 3rd International Conference NT-2016

K. Duraković, R. Šendelj, "Analysis of cyber incidents in Montenegro" IT 2016

A.M. Anđić, I. Ognjanović, R. Šendelj, "Security aspects of the Moodle platform" YU INFO 2016

A.M. Anđić, R. Šendelj, I. Ognjanović, "Comparative Aanalysis of the organizational structure for cyber defense of some NATO member countries" INFOFEST 2015

I.Burić, I. Ognjanović, R. Šendelj, "Comparative analyses of TEMPEST protection in management of secret data cyber security", RIM 2015, Bosnia&Herzegovina, 2015

J. Simićević, I. Ognjanović, R. Šendelj, "Cryptography challenges for cyber security model over clouds", 2nd International Conference "New technologies NT-2015", Bosnia&Herzegovina, 2015

I. Ognjanović, R. Šendelj, I. Ognjanović, "Cyber security awareness in Montenegro", IT Conference, Žabljak 2015, Montenegro, ISBN:978-86-85775-16-1, p.p.212-216

D. Tomović, R. Šendelj, I. Ognjanović, "DOS and DDOS attacks and their countermeasures", IT Conference, Žabljak 2015, Montenegro, ISBN:978-86-85775-16-1, p.p.224-2228

J. Ljucović, I. Ognjanović, R. Šendelj, "Analysis of cyber security educational system in Montenegro", IT Conference, Žabljak 2015, Montenegro, ISBN:978-86-85775-16-1, p.p.216-220

J. Ljucović, I. Ognjanović, R. Šendelj, "Assessment of students' performance based on AHP algorithm and historical data", 2nd International Conference "New technologies NT-2015", Bosnia&Herzegovina, 2015

D.Tomović,R. Šendelj, "Different types of Cross Site Scripting Attacks and their security measures", The International Conference on e-Education (ICeE 2014), Mostar, Bosnia and Hercegovina, September 2014

R. Šendelj, I.Ognjanović , "Relation between formal and informal education in ICT", Scientific meeting The system of education and digital culture, Montenegrin Academy of Science and Arts, Podgorica, Montenegro, November 2014

R. Šendelj, I.Ognjanović , "Analysis of cyber security in Montenegro: legislatives, institutional frameworks and education", The 2nd International multidisciplinary conference, Montenegrin Academy of Science and Arts, Podgorica, Montenegro, September 2014

I.Ognjanović , R. Šendelj, "E-learning trends: comparative analyses with current situation in Montenegro", The 2nd International multidisciplinary conference, Montenegrin Academy of Science and Arts, Podgorica, Montenegro, September 2014

R.Šendelj, F.Lombardi, I.Ognjanović , S.Guarino, "Cyber Security in Montenegro: Practice, Framework and Challenges", INFOFEST 2014

J. Ljucović, I.Ognjanović , R.Šendelj, "Integration of historical data in AHP algorithm", IT Conference, Žabljak 2014, Montenegro, ISBN:978-86-85775-15-4,

T. Matijević, I.Ognjanović , R.Šendelj, "Developing open source application for functional point analysis of software projects", IT Conference, Žabljak 2012, Montenegro, ISBN:978-86-7664-102-4, p.p.32-36

T.Vujičić, Dž.Strujić, R.Šendelj, "Benefits of using hibernate framework in Java EE applications", IT Conference, Žabljak 2012, Montenegro, ISBN:978-86-7664-102-4, p.p.36-40

M. Bukilić, I.Ognjanović , R. Šendelj, "Optimal LS selection with online tools", IT Conference, Žabljak 2012, Montenegro, ISBN:978-86-7664-102-4, p.p.48-52

Dž. Strujić, M. Bukilić, I.Ognjanović , "Agile software development and extreme programming", IT Conference, Žabljak 2011, Montenegro, ISBN:978-86-7664-097-3, p.p. 122-126

ž.Strujić, R. Šendelj, "Integration of eLearing tools and environment by use of web services", INFOFEST 2011, Montenegro

M.Bukilić, R. Šendelj, "Dynamic generating of materials for e-Learning", INFOFEST 2011, Montenegro

M.Gogić, R. Šendelj, "Analyses of motivating factors in IT companies during time of crises", INFOFEST 2010, Montenegro

Z.Ćorović, I.Pekić, R. Šendelj, "Implementation of virtual computer lab at the Mediterranean University", IT Conference, Žabljak 2010, Montenegro

N.Banović, R.Šendelj, "Possibilities of using SOA in practice", IT Conference, Zabljak 2010, Montenegro, p.p.90-94

R.Šendelj,D.Milošević, M.Božović "Modern tools and Technology for eLearning", IT Conference, Zabljak 2009, Montenegro, p.p.31-35

R.Šendelj, I.Ognjanović , M.Bukilić, "Conceptual framework for integration ICT in education system", IT Conference, Zabljak 2010, Montenegro, p.p.94-98

I.Ognjanović , R.Šendelj, "eLearning- support to classic learning", INFOFEST 2009

N.Banović, R.Šendelj, "Modern concepts for software testing", INFOFEST 2009 , Montenegro

R.Šendelj, A.Balota, Z.Glomazić, "Security of Health Care Information System", YU INFO Conference , Kopaonik, Serbia, March 2009

Z.Glomazić, R.Šendelj, A.Balota, "Application for selected doctor- Contact", YU INFO Conference , Kopaonik, Serbia, March 2009

R.Šendelj, A.Balota, Z.Glomazić, D.Reković, "Electronic receipt in primary health care", YU INFO Conference , Kopaonik, Serbia, March 2009

B. Savić, R.Šendelj, "Indicators of students' satisfaction with on-line courses", YU INFO Conference , Kopaonik, Serbia, March 2009

R.Šendelj, V.Devedžić, "Fuzzy Web Service", YU INFO Conference , Kopaonik, Serbia, March 2003

R.Šendelj, V.Devedžić, "Distributed fuzzy expert systems", YU INFO Conference , Kopaonik, Serbia, March 2002

R.Šendelj, D.Verlašević, "Fuzzy systems on the bases of software components", YU INFO Conference , Kopaonik, Serbia, March 2000

R.Šendelj, D.Radović, "Java Class for Knowledge Representation", SYMOPIS , Herceg Novi, Montenegro, Septembar 1998

R.Šendelj, D.Radović, V.Devedžić, "Object Oriented Model of Turing Engines", ETRAN , Vrnjačka Banja, Sebria Jun 1998

International projects	**CA Cost Action 16101- MULTI-modal Imaging of FOREnsic SciEnce Evidence - tools for Forensic Science'** Grant Provider: European Commission Program: COST| European Cooperation in Science and Technology Role: MC member, researcher Duration: 2017-2021 **'CA Cost Action 15222-European Network for cost containment and improved quality of health care'** Grant Provider: European Commission Program: COST| European Cooperation in Science and Technology Role: researcher Duration: 2016-2020 **'Enhancement of Cooperation Model with Stakeholders of Critical**

Information Infrastructure in Montenegro'
Grant Provider: European Commission
Program: PreAccession Countries / New Member States
Project Coordinator: Faculty of information systems and technologies, University Donja Gorica, Montenegro
Role: Project Leader, author, researcher
Duration: 2016-2017

'Enhancement of study programs in Public Health Law, Health Management, Health Economics and Health Informatics in Montenegro' (PH-ELIM)
Grant Provider: European Commission
Program: Erasmus+ - KA 2 - Capacity Building in field of Higher Education
Project Coordinator: University Donja Gorica, Montenegro
Role: Project Leader, author

'Be Ready for EU values' (BREV)
Grant Provider: European Commission
 Program: Erasmus+ - Key-Action2 - Capacity Building in the field of Youth
Project Coordinator: CEMI, Montenegro
Role: author, UDG Project Leader
Duration: 2015-2017

'Enhancement of cyber educational system of Montenegro' (ECESM)
Grant Provider: European Commission
Program: TEMPUS
Project Coordinator: University of Maribor, Slovenia
Role: co-author, UDG-Project Leader
Duration: 2014-2016

'EnhAnced Government LEarning' (EAGLE)
Grant Provider: European Commission
Program: FP7-ICT-2013-11
Project Coordinator: Dublin City University, Ireland
Role in project application: UNIM-researcher
Duration: 2013-2015

'Blending academic and entrepreneurial knowledge in technology enhanced learning' (BAEKTEL)
Grant Provider: European Commission
Program: TEMPUS
Project Coordinator: Università degli Studi della Basilicata, Itali
Role in project application: UNIM-Project Leader
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
Role: co-author, UNIM-Project Leader
Duration: 2012-2014

'Online Presence for Learning' (OP4L)
Grant Provider: European Community's Programme for International Cooperation
Program: SEE-ERA.NET
Project Coordinator: Faculty of Organizational Sciences, University of Belgrade, Serbia
Role: UNIM-Project Leader
Duration: 2010-2012

'Enhancing the quality of distance learning at the western Balkan higher education institutions' (DL@WEB)

Grant Provider: European Commission
Program: TEMPUS
Project Coordinator: University of Kragujevac, Serbia
Role: UNIM-Project Leader
Duration: 2010-2013

'Development of business training in Montenegro' (DEBUTM)
Grant Provider: European Commission
Program: TEMPUS
Project Coordinator: University of Debrecen, Hungary
Role: UNIM-Project Leader
Duration: 2009-2011

'MSc. Curriculum in E-Learning'
Grant Provider: European Commission
Program: TEMPUS
Project Coordinator: University of Maribor, Slovenia
Role: UNIM-Project Leader
Duration: 200-2008

'Semantically Enabled Development of Service-Oriented Architectures for Integration of Socio-Medical Data'
Program: National research projects
Principal investigator: Ramo Šendelj
Partner institutions: University of Donja Gorica, Montenegro; UMIT – University of Health Sciences, Medical Informatics and Technology, Austria

'Use of cloud computing and web services for development of new eLearning types'
Program: National research projects
Principal investigator: Srđan Jovanovski
Partner institutions: University Mediterranean, Montenegro ; University in Bihac, Bosnia and Herzegovina

'Research on applications and introduction of new methods in eEducation systems'
Program: National research projects
Principal Investigator: Ramo Šendelj
Partner institutions: University Mediterranean, Montenegro; Univerzsity Džemal Bijedić, Mostar, Bosnia and Herzegovina

'Capacity building in e-learning for educational institutions'
Program: National research projects
Principal investigator: Ramo Šendelj
Partner institutions: University Mediterranean, Montenegro ; University of Maribor, Slovenia

'Development of dynamically adaptive SOA based on non-functional requirements and historical data'
Grant Provider: Ministry of sciences, Montenegro
Program: National research projects
Principal investigator: Ramo Šendelj
Duration: 2012-2015

Montenegro in the XXI Century – 'In the Era of Competitiveness', sub-project 'ICT and Education'
Grant Provider: Ministry of sciences, Montenegro
Leading institution: Montenegrin Academy Science and Arts, Montenegro
Principal investigator: Ramo Šendelj
Duration: 2010-2012