

CURRICULUM VITAE

Personal informations	
Name	Sime Arsenovski
E-mail	s.arsenovski@utms.edu.mk
Nationality	Macedonian
Date of birth	22.4.1967
Gender	Male
Academic Title	Full professor, PHD

Work experience	
• Year (from – to)	2018-
• Name and address of employer	University of Tourism and Management Skopje, Republic of Macedonia
• Type of business or sector	High education
• Occupation or position held	Professor
• Main activities and responsibilities	Education
• Year (from – to)	2016-
• Name and address of employer	In2 Group, Croatia
• Type of business or sector	Business
• Occupation or position held	Executive director
• Main activities and responsibilities	Information engineering
• Year (from – to)	2008 – 2016
• Name and address of employer	FON University Skopje, Republic of Macedonia
• Type of business or sector	High education
• Occupation or position held	Professor, rector, prorector, dean
• Main activities and responsibilities	Education
• Year (from – to)	2005-2008
• Name and address of employer	European University Skopje, Republic of Macedonia

• Type of business or sector	High education
• Occupation or position held	Professor
• Main activities and responsibilities	Education
• Year (from – to)	2003-2005
• Name and address of employer	Faculty of Social Sciences
• Type of business or sector	High education
• Occupation or position held	Professor
• Main activities and responsibilities	Education
• Year (from – to)	1992-2003
• Name and address of employer	Ministry of Defence, Military Academy, Skopje
• Type of business or sector	High education
• Occupation or position held	Teaching assistant
• Main activities and responsibilities	Education
• Year (from – to)	1990-1992
• Name and address of employer	SSNO, Tuzla, Bosnia and Hercegovina
• Type of business or sector	State services (military)
• Occupation or position held	designer, analyst
• Main activities and responsibilities	Organization of information services in the Army Corps

Education	
• Year (from – to)	2001-2003
• Name and type of organization providing education and training	Faculty of Electrical Engineering and Information Technologies “Ss Cyril and Methodius” University, Skopje, Republic of Macedonia, 2003
• Principal subjects/occupational skills covered	“Advanced Distributed Learning Systems”
• Title of qualification awarded	Doctor of Technical Science
• Level in national classification (if appropriate)	VIII
• Year (from – to)	1998-2001

• Name and type of organization providing education and training	Faculty of Electrical Engineering and Information Technologies “Ss Cyril and Methodius” University, Skopje, Republic of Macedonia
• Principal subjects/occupational skills covered	“Multimedia Learning Systems”
• Title of qualification awarded	Master of Electrical Engineering (MSc)
• Level in national classification (if appropriate)	VII/2
• Year (from – to)	1985-1990
• Name and type of organization providing education and training	Technical Military Academy, Zagreb, Republic of Croatia, 1990
• Principal subjects/occupational skills covered	
• Title of qualification awarded	Diploma engineer in Informatics
• Level in national classification (if appropriate)	VII/1

Big national projects

2010	Education Modernization , Ministry of Education and Science of the Republic of Macedonia, training of over 2100 teachers in primary education on the topic of educational technologies (Edubuntu)
2009	Edubuntu , Ministry of Education and Science of the Republic of Macedonia, Ministry of Information Society of the Republic of Macedonia, training of over 4500 teachers in secondary education on the topic of educational technologies (Edubuntu)
2009	Edubuntu on TV , Ministry of Education and Science of the Republic of Macedonia, production of 40 TV shows for Edubuntu

International projects

2015-2017	Application of fuzzy logic in personalized adaptive e-learning systems , a bilateral project with Montenegro
2010-2013	DL@WEB - Enhancing the quality of distance learning at Western Balkan higher education institutions , TEMPUS, University of Kragujevac, Serbia, 2010-2013,
2010-2012	Free web resources for learning visually impaired , 2011-2012, UNESCO
2010-2012	iKNOW – Innovation and Knowledge Management, eStudent Information

	System , TEMPUS, LSBU London, United Kingdom, 2010-2013
2010-2014	INTERFACE – Developing and setting up measures for initiating, enhancing and sustaining Higher-Education-Society Cooperation , TEMPUS, University of Graz, Austria, 2010-2014
2010-2011	Free resources for technology enhanced creative teaching in primary and secondary schools , 2010-2011, UNESCO
2008-2011	VICES – Video Conferencing Educational Services TEMPUS, University of Florence, 2008-2011
2005-2006	SMILE – Sustainable Multicultural Interoperable Environment , TEMPUS, TEI Athens, 2005-2006

Textbooks and CDs

1.	Sime Arsenovski, Gorgi Kakasevski, Linux Edubuntu & Open Office , Skopje, 2009, ISBN 978-608-4513-02-5
2.	Sime Arsenovski, Gorgi Kakasevski, Linux Edubuntu, in Albanian language , Skopje, 2009, ISBN 978-608-4513-03-2
3.	Sime Arsenovski, Ivan Kraljevski, Windows Vista Home Premium & Office 2007 Standard Edition , Skopje, 2008, ISBN 978-608-4513-00-1
4.	Sime Arsenovski, Gorgi Kakasevski, Ubuntu LINUX , Skopje, 2007, ISBN 978-9989-2074-9-5
5.	Sime Arsenovski, Programing Languages , textbook for high schools, Skopje, 2006, ISBN 9989-0-0513-3
6.	Sime Arsenovski, Computer Graphics , university textbook, European University, Skopje, 2006, ISBN 9989-184-16-X
7.	Sime Arsenovski, Management Information Systems , university textbook, European University, Skopje, 2006, ISBN 9989-184-25-9
8.	Zoran Gacovski, Dragan Mihajlov, Sime Arsenovski, Structure Programming , university textbook, European University, Skopje, 2006, ISBN 9989-184-19-4
9.	Sime Arsenovski, Windows XP Professional Edition & Microsoft Office 2003 Student and Teacher Edition , Skopje, 2005

10.	Sime Arsenovski, Informatics , 2002, textbook for high schools, ISBN 9989-2073-0-5
11.	Sime Arsenovski, Marjan Gusev, Information technologies 1 , 2002 textbook for high schools, ISBN 9989-2073-1-3
12.	Sime Arsenovski, Marjan Gusev, Information technologies 2 , 2002 textbook for high schools, ISBN 9989-2073-4-8
13.	Sime Arsenovski, Informatics 6 , 2002, textbook for elementary schools, ISBN 9989-2073-2-1
14.	Sime Arsenovski, Informatics 7 , 2002, textbook for elementary schools, ISBN 9989-2073-3-X
15.	Sime Arsenovski, Marjan Gusev, Igor Nedelkovski, Informatics for students , 2002, ISBN 9989-9893-9-7
16.	Sime Arsenovski, Informatics , 2002, ISBN 9989-9893-8-9
17.	Dragan Mihajlov, Sime Arsenovski, Programming language C , 2001, university textbook, ISBN 9989-57-114-7
18.	Sime Arsenovski, Dragan Mihajlov, Informatics , CD-ROM, 2001, university multimedia book
19.	Sime Arsenovski, Informatics 2 , 2001, ISBN 9989-9893-6-2
20.	Sime Arsenovski, Windows&Office 2000 Professional Edition , 2000, ISBN 9989-9893-5-4
21.	Sime Arsenovski, Информатика – PC hardware & software , textbook for high schools, ISBN 9989-9893-4-6
22.	Sime Arsenovski, Информатика – PC hardware & software , textbook for high schools on albanian language, ISBN 9989-9893-7-0
23.	Sime Arsenovski, Windows&Office 97 Professional Edition , 1998, ISBN 9989-9893-2-X
24.	Sime Arsenovski, PC Basics , 1998, ISBN 9989-9893-3-8

25.	Sime Arsenovski, Word 97 , 1998, ISBN 9989-9893-1-1
26.	Sime Arsenovski, Windows&Office 95 Professional Edition , Skopje, 1997, ISBN 9989-9893-0-3

Papers

1.	Jovanoski, D., Malinovski, T., Arsenovski, S., Links between strategic goals, information technology and customer satisfaction during business process reengineering . International Journal of Business Process Integration and Management, 8(3), 200-213 (SCImago Journal & Country Rank Impact Factor: 0.15), 2017
2.	Kire Jakimoski, Sime Arsenovski, Slavcho Chungurski, Oliver Iliev, Performance Analysis of Reprogramming Algorithms in Wireless Sensor Networks , International Journal of Future Generation Communication and Networking, Vol. 9, No. 7, pp. 123-134, July, 2016.
3.	K. Jakimoski, S. Arsenovski, L. Gorachinova, S. Chungurski, O. Iliev, L. Djinevski, E. Kamcheva, Evaluation of Caching Techniques for Video on Demand in Named Data Networks , 39 International Convention on Information and Communication Technology, Electronics and Microelectronics, May 30 – June 3, 2016, Opatija, Croatia.
4.	Kire Jakimoski, Slavcho Chungurski, Sime Arsenovski, Evaluation of the Caching Placement Algorithms in Named Data Network for Video on Demand Service , International Journal of Future Generation Communication and Networking, Vol. 9, No. 6, pp. 99-112, June, 2016.
5.	K. Jakimoski, S. Arsenovski, L. Gorachinova, S. Chungurski, O. Iliev, L. Djinevski, E. Kamcheva, Measurements of Available Bandwidth in Computer Networks , International Journal of Grid and Distributed Computing, Vol. 9, No. 4, pp. 201-210, May, 2016.
6.	K. Jakimoski, S. Chungurski, S. Arsenovski, L. Gorachinova, O. Iliev, L. Djinevski, E. Kamcheva, Performance Analysis of Linux-Based TCP Congestion Control Algorithms in VANET Environment , International Journal of Future Generation Communication and Networking, Vol. 9, No. 4, pp. 17-26, May, 2016.
7.	Gacovski Z., S. Deskovski, S. Arsenovski (2014), Classical and Fuzzy Control Method for a Platoon of Smart Cars , ARPN Journal of Systems and Software, vol. 4, No. 1, pp.12-19, 2014.
8.	M. Ivanovska, L. Djinevski, S. Arsenovski, Computational Module as a Tool for Financial Viability Analysis in Decision Making Process in Private University Institutions , ICT Innovations 2014, Ohrid, Macedonia, 12th – 14th September 2014.
9.	Mihajlov M., Arsenovski S., Trpkovska M., Eye-tracking Recognition-based Graphical Authentication , Proceedings of the 7th International Conference on Application of Information and Communication Technologies, 2013
10.	S. Ristov, M. Gusev, L. Djinevski and S. Arsenovski, Performance Impact of Reconfigurable L1 Cache on GPU Devices , IEEE International Conference FEDCIS on 2013, Krakow, Poland, pp. 511-514.

11.	L. Djinevski, S. Arsenovski, S. Ristov and M. Gusev, Performance Drawbacks for GPU devices using Set Associative Cache , in MIPRO 2013, Proceedings of 36th Int. Convention on ICT, Opatija, Croatia, IEEE Conference proceedings, ISBN 978-1-4673-2577-6, 2013, pp.213-218.
12.	L. Djinevski, S. Arsenovski, S. Ristov, and M. Gusev, Optimal Configuration of GPU Cache Memory to Maximize the Performance , in ICT Innovations 2013, (Editors Vladimir Trajkovik and Anastas Mishev), Web proceedings, ISSN 1857-7288, pp.131-141.
13.	Gacovski Z., S. Arsenovski and F. Siljanovski, Evaluation of E-services at the Local government level (city of Skopje) , proc. of ETAI, XI International Conference, Ohrid (MK), pp. 101-105, 2013
14.	Gacovski Z., G. Ilievski and S. Arsenovski, Prediction of video materials offered to a user in a Video-on-demand system , ICT Innovations 2012 Conference, Ohrid (MK), Web Proceedings, 2012.
15.	Gacovski Z., J. Kolic, R. Dukova and S. Arsenovski, Data Mining Application for Real Estate Valuation in the city of Skopje , ICT Innovations 2012 Conference, Ohrid (MK), Web Proceedings, 2012.
16.	Chungurski S., Angjelkoski M., Arsenovski S., Using Macedonian Braille Pattern For Braille Devices , Applied On Braille 200 Embosser Primer, 9th Conference for Informatics and Information Technology CIIT2012, Molika, Bitola, Macedonia, 19-22 April 2012.
17.	Gacovski Z., M. Angelkoski, S. Deskovski and S. Arsenovski (2011), Fuzzy Control method for Traffic Light timing at Urban intersection , In Proc. of ETAI, X International Conference, Ohrid (MK), pp. 113-116.
18.	J. Ramadani, S. Arsenovski, R. Nuredini, Data Mining on University Database , XLVI International Scientific Conference on Information, Communication and Energy Systems and Technologies, ICEST 2011, Nis, Serbia.
19.	Kraljevski I., Stojanovic I., Chungurski S., Arsenovski S., Time Encoded Signal Processing for Speech Quality Assessment , A4.7, DOGS 2010, Iriski Venac, Serbia, 16-18 December 2010.
20.	Kraljevski I., Chungurski S., Stojanovic I., Arsenovski S., Synthesized Speech Quality Evaluation Using ITU-T P.563 , 18th Telecommunication forum TELFOR 2010, IEEE, Belgrade, Serbia, November 18-25, 2010.
21.	Chungurski, I.Kraljevski, D. Mihajlov, S. Arsenovski, Evaluation of TTS-MK system for speech synthesis of Macedonian language , IE3-3, IEEE ETAI 2009, Ohrid, Macedonia.
22.	I. Kraljevski, S. Chungurski, S. Arsenovski, Z. Gacovski, Segmentation of speech sequences for Macedonian language , IE3-1, IEEE ETAI 2009, Ohrid, Macedonia.
23.	Kraljevski I., Chungurski S., Gacovski Z., Arsenovski S., Perceived Speech Quality Estimation Using DTW Algorithm , Telfor Journal, Vol. 1, No. 1, 2009.
24.	G. Kakasevski, M. Mihajlov, S. Arsenovski, S. Chungurski, Evaluating usability in learning management system moodle , 30th International Conference ITI Cavtat/Dubrovnik, IEEE, Croatia, June 23-26, 2008, p.613-618.
25.	Chungurski, S. Kraljevski, I. Mihajlov, D. Arsenovski, S., Concatenative speech synthesizers and speech corpus for Macedonian language , ITI 2008, 30th International Conference on Information Technology Interfaces, 2008. 23-26 June, Pages: 669-674, Dubrovnik, Croatia.

26.	Kraljevski, I., Chungurski, S., Mihajlov, D., Arsenovski, S. Semi-Automatic Speech Segmentation for Macedonian Language , ITI 2008, 30th International Conference on Information Technology Interfaces, 2008. 23-26 June, Dubrovnik, Croatia.
27.	Zoran Gacovski, Ivan Kraljevski, Sime Arsenovski, Project Assignment Problem Solved by Neuro-fuzzy Inference System , AI1, ERK 2008, 29. september - 1. oktober 2008 GH Metropol, Portoroz, Slovenia.
28.	Zoran Gacovski, Sime Arsenovski, Ivan Kraljevski, Multiple Criteria Decision-Making for Selection of Mobile Base Station Location , AI1, ERK 2008, 29. september - 1. oktober 2008 GH Metropol, Portoroz, Slovenia.
29.	Ivan Kraljevski, Slavcho Chungurski, Zoran Gacovski, Sime Arsenovski, Perceived Speech Quality Estimation Using DTW Algorithm , 16th TELFOR, 25-27 November 2008, Belgrade, Serbia.
30.	Zoran Gacovski, Sime Arsenovski, Ivan Kraljevski, Cveta Martinovska, Multiple Criteria Decision-Making For Selection Of Mobile Base Station Location , 3rd Balkan Conference in Informatics (BCI'2007) 27-29 September 2007, Sofia, Bulgaria.
31.	Kraljevski, I., Arsenovski, S., Chungurski, S., Kakashevski, G. DTW Speech Recognition Engine Used as Speech Quality Estimator in Packet and Mobile Networks , A-31, Information Technology Interfaces, 29th, 25-28 June 2007.
32.	Chungurski, S., Arsenovski, S., Kraljevski, I., Kakashevski, G., SCORM as a Base Standard for Building and Representing Educational Contents with e-Testing Support , ITI 2007. 29th International Conference, Volume, Issue, 25-28 June 2007 Page(s):293 – 298.
33.	Ivan Kraljevski, Sime Arsenovski, Slavcho Chungurski, Gorgi Kakashevski, Speech Quality Measurement In Mobile And Packet Switched Networks Using DTW Algorithm , ETAI07, T2-5, 2007.
34.	Славчо Чунгурски, Симе Арсеновски, Иван Краљевски, Ѓорѓи Какашевски, Прототип на податочен модел за scorm компатибилен образовен управувачки систем , I2-5, ETAI07, 2007.
35.	S. Chungurski, I. Kraljevski, S. Arsenovski, S. Samardziska, Information system for newspaper clipping , Naucno-strucni simpozijum, INFOTEH, Jahorina, 28-30 mart, 2007.
36.	S. Chungurski, S. Arsenovski, M. Mihajlov, SCORM Based System For Building Learning Objects , 15th International Electrotechnical and Computer Science Conference , IEEE Conference, September 2006, Portoroz, Slovenia, www.ieee.si/erk06.
37.	Kraljevski, Z. Gacovski, S. Arsenovski, M. Mihajlov, (2005), Choosing Optimal Parameter Values for ANN Classifier in Voice Recognition System , 27th Int. Conf. Information Technology Interfaces ITI 2005, June 20-23, 2005, Cavtat, (CR).
38.	Ivan Kraljevski, Zoran Gacovski, Sime Arsenovski, Martin Mihajlov (2005), Performance Of DTW Speech Recognizer On Packet Switched Network , ETAI Conference, Ohrid (MK).
39.	Арсеновски С., Бихејвиористички тип на знаењата на учениците во Република Македонија и можност за нивна транзиција во конструктивистички тип , студија, Образовни рефлексии бр. 1, Биро за развој на образованието, 2005, Скопје.
40.	S. Arsenovski, I. Kraljevski, M. Mihajlov, I. Jolevski, Evaluation of SCORM Based Learning System , Proceedings of

	the Fourt Conference on Informatics and Information Technology, CiiT 2003, Bitola, Dec. 11-14, 2003, стр. 185-199.
41.	Kraljevski, G. Nikolovski, S. Arsenovski, Animal Voice Classification Using Time Encoded Signals And Artificial Neural Networks , Poster Abstracts of the 25th International Conference on Information Technology Interfaces ITI, June 16-19 2003, Cavtat, Croatia, pp. 45-46.
42.	Arsenovski S., Loskovska S., Mihajlov D., Jolevski I., Development of ADL system , Proceedings of the 25th International Conference on Information Technology Interfaces ITI, Cavtat, Croatia, June, 2003.
43.	С. Арсеновски, В. Стојчев, М. Михајлов, Илинденското востание во систем за електронско учење , Научен собир 100 години Илинден, МАНУ, Скопје, 6-8 мај 2003.
44.	S. Arsenovski, S. Loskovska, D. Mihajlov, I. Jolevski, SCORM based LS development , 6. International Simulation Conference: Military Training and Education, Brno, Czech Republic, April 28-30, 2003.
45.	Arsenovski S., From Multimedia LS to SCORM based LS , 61. Meeting of NTG IT&ED WG, Bucharest, Romania, May 11-16, 2003.
46.	Arsenovski, S., Mihajlov, D., Kraljevski, I. Development of the Interactive Multimedia Learning System in the Subject Computer Science in the High Schools , Proceedings of the 24th International Conference on InformationTechnology Interfaces ITI, A-31, Cavtat, Croatia, June 24-27, 2002.
47.	Kraljevski I., Mihajlov D., Arsenovski S., Determination of Farm Animals Condition by Their Vocalization , Proceedings of the 24th International Conference on Information Technology Interfaces ITI, A-7, Cavtat, Croatia, June 24-27, 2002.
48.	Арсеновски, С., Развој на систем за мултимедијално учење на предметот Информатика во Воената академија , Современа македонска одбрана, бр. 5, јуни 2002 година, страна 143-160.
49.	Arsenovski S., Mihajlov D, Universal methodology for the development of the multimedia learning systems and its implementation in the subject Computer Science in the high schools , 2nd CiiT Conference of Informatics and Information Technology, Molika, Bitola, 20 - 23 December 2001, Proceedings, стр. 165-180.