PERSONAL INFORMATION   Ilir Shinko

📍

📱 +

✉

Sex Date of birth 15/09/1975 | Nationality

WORK EXPERIENCE

01/2011-Present

Lecturer, PhD

PUT, Electronic and Telecommunication Department at FIT,   http://www.fti.edu.al

- Lecturer and seminar lecturer, subject: Signals and Systems.
- Lecturer and seminar lecturer, subject: Architecture of Control Systems.
- Lecturer and seminar lecturer, subject: Automatic Control.
- Lecturer and seminar lecturer, subject: Programmable Electronic Systems.

Business or sector Education University

10/1999-12/2010

Lecturer, Msc

PUT, Electronic and Telecommunication Department at FIE,   http://www.fie.edu.al

- Lecturer and seminar lecturer, subject: Automation
- Seminar lecturer, subject: Automatic Control
- Lecturer and seminar lecturer, subject: Control Process with Computer Devices.

Business or sector Education University

05/2008-12/2010

Lecturer, Msc

Kristal University, Faculty of Electronic Engineering.

- From 2009 Head of Electronic Department.
- Lecturer and seminar lecturer, subject: Automation
- Lecturer and seminar lecturer, subject: Computers Architecture.
- Lecturer and seminar lecturer, subject: Control Process with Computer Devices.

Business or sector Education University

05/2002- 04/2008

Engineer, Msc

Seismological Institute of Albania, Academy of Sciences.

- Chief of technical sector of SIA.

Business or sector Academic Institute

04/2001-P04/2002

Engineer

Chief of technical group of FBS Service computer.

- Warranty Provider for electronic products.

Business or sector Electronic Wholesale

04/2000-04/2001	**Engineer**

Chief of technical department at "Radio +2"

▪ Maintenance provider for electronic products.

Business or sector Radio

07/1999-04/2000	**Engineer**

ICC (Internet Service Provider).

▪ Mobile Internet setup and services.
▪ Help Desk

Business or sector Internet Service Provider

EDUCATION AND TRAINING

02/2011-04/2015	**PhD studies, Thesis: "A hybrid rerouting scheme in MPLS networks"**

Polytechnic University of Tirana, Information Technology Faculty

10/2006-06/2010	**Master Second Level Degree in Electronics and Telecommunication system**

Polytechnic University of Tirana, Information Technology Faculty

09/1994-06/1999	**Electronic Engineering (5 Years) diploma**

Polytechnic University of Tirana, Faculty of Electrical Engineering, Department of Electronics

09/1990-06/1994	**High school**

Gjimnazi Kucove

PERSONAL SKILLS

Mother tongue(s) Albanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Very Good	Very Good	Good	Good	Very Good
Italian	Very Good	Very Good	Very Good	Very Good	Very Good

Driving licence   B

Publications

Journals Articles

I Shinko, V Kolici, A Barolli, T Oda, L Barolli, F Xhafa: "Performance analysis of different architectures and TCP congestion-avoidance algorithms using WMN-GA simulation system", J. High Speed Networks 23(2): 163-173 (2017) ISSN print 0926-6801, ISSN online 1875-8940

M Cuka, **I Shinko**, E Spaho, T Oda, M Ikeda, L Barolli: "A simulation system based on ONE and SUMO simulators: Performance evaluation of different vehicular DTN routing protocols", J. High Speed Networks 23(1): 59-66 (2017), ISSN print 0926-6801, ISSN online 1875-8940.

Sh. Cakaj, B. Kamo, A. Lala, E. Agastra, I. **Shinko**, "The Apsidal Precession for Low Earth Sun Synchronized Orbits", International Journal of Advanced Computer Science and Applications (IJACSA), Vol.6, No. 9, pp. 76 – 79, September 2015, ISSN: 2156-5570.

Sh. Cakaj, B. Kamo, A. Lala, E. Agastra, **I. Shinko**, "The velocity increment for Hohmann Coplanar transfer from different low earth orbits", Frontiers in Aerospace Engineering (FAE), Vol. 4, No. 1, pp. 35-41, May 2015, ISSN: 2325-6796.

A. Rakipi, B. Kamo, S. Cakaj, V. Kolici, A. Lala, **I. Shinko**, "Integrity Monitoring in Navigation Systems: Fault Detection and Exclusion RAIM Algorithm Implementation", Journal of Computer and Communications (JCC) Vol.3 No.6, pp. 25-33, May 2015, ISSN Print: 2327-5219, ISSN Online: 2327-5227.

A. Fundo, A. Bashllari, D. Nace, **I. Shinko**, "A hybrid rerouting scheme" pg. 69-78, Telecommunication Systems Journal Vol. 56, ISSN: 1018-4864 (Print) 1572-9451 (Online), Springe, Published: May 2014.

I. Shinko, Y. Fouquet, D. Nace, "Elastic routing for survivable networks", International Journal of Grid and Utility Computing, Inderscience Publishers, ISSN:1741-8488 (online), Accepted: 01/06/2014, (in press: http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijguc).

I. **Shinko,** R. Miho, "Distributed Rerouting Scheme for MPLS Networks", International Journal of Science, Innovation and New Technology, ISSN: 2223-2257, Vol. 1, no. 2, November 2014, Accepted: November 2014.

I. Shinko, R. Miho, A. Lala, S. Cela, "Distributed Rerouting Scheme for MPLS Networks", International Journal of Science, Innovation and New Technology, ISSN: 2223-2257, Vol. 1, no. 2, November 2014, Accepted: November 2014.
V. Kolici, A. Biberaj, B. Kamo, **I. Shinko**, " Një platformë e sigurtë P2P bazuar në JXTA-Overlay për kontrollin e pajisjeve fundore", Buletini i Shkencave Teknike të UPT, Maj 2012.

F. Jouanne, J.L. Mugnier, R. Koci, S. Bushati, K. Matev, N. Kuka, I. Shinko, S. Kociu, L. Duni, "GPS constraints on current tectonics of Albania", Tectonophysics, ISSN: 0040-1951, November 2012; s 554–557:50–62, · 2.87 Impact Factor.
....
S. Bushati, F. Jouanne, Ch. Back, J. M. Mugnier, R. Koci, S. Koçiaj, **I. Shinko**, "Quantification of present day tectonics of Albania" : monography : (supported by NATO programe, 2002-2007). Akademia e Shkencave te Shqiperise, Tiranë, 2008.
....

Internationals Conferences Articles

E. Agastra, B. Kamo, **I. Shinko**, R. Kushe, **"**Data Interpretation Using Mobile Uncalibrated Sensor for Urban Environmental Monitoring", EIDWT-2018 - The 6-th International Conference on Emerging Internet, Data & Web Technologies (EIDWT-2018), pp 597, 15-17 March 2018, Tirana, Albania.

I. **Shinko**, T. Oda, E. Spaho, A. Barolli, V. Kolici, L. Barolli, "A GA-Based Simulation System for WMNs: Performance Analysis of WMN-GA System for Different WMN Architectures and Uniform Distribution Considering DCF and EDCA", AINA2016 - The 30th International Conference on Advanced Information Networking and Applications (AINA 2016), pp 174-180, 23-25 March 2016, Crans-Montana, Switzerland.

I. Shinko, T. Oda, A. Barolli, V. Kolici, L. Barolli, F. Xhafa, "Performance Analysis of WMN-GA System for Different WMN Architectures and TCP Congestion-Avoidance Algorithms", pp. 238-245, CISIS 2016 - 10th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS 2016), 6-8 July 2016, Fukuoka, Japan.

A. Barolli, T. Oda, **I. Shinko**, L. Barolli, F. Xhafa, M. Takizawa, "Performance Analysis of a Genetic Algorithm Based System for Wireless Mesh Networks Considering Weibull Distribution, DCF and EDCA",pp. 182-188, IMIS 2016 – 10th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2016), 6-8 July 2016, Fukuoka, Japan.

I. Shinko, T. Oda, A. Barolli, V. Kolici, L. Barolli, F. Xhafa, "Performance Analysis of WMNs by WMN-GA Simulation System for Exponential Distribution Considering EDCA and DCF", pp. 15-21, NBiS 2016 – 19th International Conference on Network-Based Information Systems (NBiS-2016), 7-9 September 2016, Ostrava, Czech Republic.

A. Barolli, T. Oda, **I. Shinko**, L. Barolli, F. Xhafa, M. Takizawa, "Performance Analysis of WMNs by WMN-GA Simulation System for Different WMN Architectures and TCP Congestion-Avoidance Algorithms Considering Uniform Distribution", pp. 22-28, NBiS 2016 – 19th International Conference on Network-Based Information Systems (NBiS-2016), 7-9 September 2016, Ostrava, Czech Republic.

I. Shinko, T. Oda, V. Kolici, M. Ikeda, L. Barolli, "Performance Evaluation of First Contact, Prophet and Spray-and-Wait Protocols in VDTN Crossroad Scenario",

BWCCA 2015 - The 10-th International Conference on Broadband and Wireless Computing, Communication and Applications (BWCCA 2015), 4-6 November 2015, Krakow, Poland.

V. Kolici, Xh. Peci, I. Tafa, **I. Shinko**, "Analysis of GPU Considering OS Terms using CUDA Framework", ISTI 2015, 5 – 6 June, (International Conference Information Systems and Technology Innovations: projecting trends to a New Economy), Tirana, Albania.

A. Rakipi, B. Kamo, S. Cakaj, A. Lala, **I. Shinko,** "GPS Signal Acquisition and Sensitivity Analysis Using Different Algorithms on a Software Receiver", 7th International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN 2015), 3-5 June 2015, Riga, Latvia.

I. Shinko, Y. Foquet, D. Nace, "A Study on a Distributed Rerouting Scheme", Proc of AINA 2013, 25 - 28 March 2013, (27th International Conference on Advanced Information Networking and Applications), Barcelona, Spagna, pg. 1461 – 1466.

I. Shinko, V. Kolici, "A distributed rerouting scheme to integrated in MPLS Networks", ISTI 2013, 15 – 16 June, (4th International Conference Information Systems and Technology Innovations: projecting trends to a New Economy), Tirana, Albania.

Y. Foquet, <u>D. Nace</u>, <u>M. Pióro</u>, **I. Shinko**, "Elastic Routing: A Distributed Variant, Implementation Issues, and Numerical Results", <u>3PGCIC 2013</u>, 28 - 30 October, (Eighth International Conference P2P, Parallel, Grid, Cloud and Internet Computing), Compiegne, France, pg. 98-104.

A. Bashllari, A. Fundo, D. Nace , **I. Shinko**, "A Note on a Hybrid Rerouting Scheme", Proc. Of RNDM 2011, (The 3rd International Workshop on Reliable Networks Design and Modeling), ISSN : 2157-0221, Print ISBN: 978-1-4577-0682-0, Budapest, Hungary 5-7 October 2011.

I. Shinko, B. Kamo, S. Cela, V. Kolici, "Use of VSAT technology in the creation of the Albanian seismic network", Proc. of GEO-ALB 2011, (First International Geo-science GEO- ALB 2011), Mitrovica, Kosovo, 27 – 29 September 2011.

A. Lala, B. Kamo, V. Kolici, S. Cela, **I. Shinko**, "Measuring the electromagnetic field in an urban environment near mobile base stations", Proc. of GEO-ALB 2011, (First International Geo-science GEO- ALB 2011), Mitrovica, Kosovo, 27 – 29 September 2011.