



Curriculum Vitae

PERSONAL:

Name: MARE SRBINOVSKA
Birth date/place: July 31, 1979 in Skopje, R. Macedonia
Home and Mailing Address: 89/2 Volkovo, 1000 Skopje, R.Macedonia
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Office: Department of Electrical measurement and materials, Faculty of Electrical Engineering and Information Technologies (FEEIT), Skopje
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Citizenship: Macedonian
Mother tongue: Macedonian
Marital status: single

EDUCATION:

2009-ongoing PhD in Electrical Engineering and IT, FEEIT, Skopje
University "Ss. Cyril and Methodius", Skopje, R. Macedonia
2004-2008 M. Sc. in Electrical Engineering and IT, FEEIT, Skopje,
University "Ss. Cyril and Methodius", Skopje, R. Macedonia
Thesis: "**Model for position estimation of smart sensors in distributed measurement systems**" (supervisor Prof. C. Gavrovski)
1998-2003 B.Sc. in Electrical Engineering ETF, Skopje,
University "Ss. Cyril and Methodius", Skopje, R. Macedonia
1994-1998 High school: "Nikola Karev", Skopje, R.Macedonia
1986-1994 Elementary school: "Joakim Krcoski", Skopje, R.Macedonia

FIELD(S) OF SPECIALISATION AND INTEREST:

Main/Current	Sensors and measurement systems, distributed measurement systems, virtual instrumentation, wireless sensor networks
Further	Applications of wireless sensor networks

EXPERIENCE:

Nov 2005-present	Teaching and research assistant at the Faculty of Electrical Engineering and Information Technologies for the following subjects: <ul style="list-style-type: none"> ▪ Basic measurement technique ▪ Sensors and measurement systems ▪ Measurement in telecommunication ▪ Computerized measurement ▪ Measurement in electrotechnique
May 2004-Nov 2005	Teacher at the Foundation for Information Technologies, Skopje

SCHOLARSHIPS AND SEMINARS:

3 days, 2008	Seminar for measurement uncertainty – TEMPUS project, FEEIT, Skopje
15 days, 2008	Study visit at AGH University in Krakow , Poland, Institute of Metrology within the Tempus Project JEP_CD_19010-2004 in the field of wireless sensor networks.
2 months, 2007	DAAD scholarship at Technical University in Ilmenau , Germany, Department of Computer Science and Automation in the field of wireless sensor networks in the group of Prof. Volker Zerbe.
15 days, 2007	LabVIEW course at AGH University in Krakow , Poland at the Institute of Metrology in the group of Prof. Gajda.
1 month, 2006	Study visit at the University of Delft , Electronic Instrumentation Department, within the Tempus Project JEP_CD_19010-2004, in the field of capacitive and inductive sensors , accurate modeling of sensors and measurement of parameters of the sensors supervised by Professor Gerarg Meijer.

AWARDS :

1998	Best student in the graduating class high school. "Nikola Karev", Skopje. Awarded in city and republic competitions in mathematics, physics.
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SKILLS:

English	very good
German	good
Experience in use different software packages as: MATLAB, LabVIEW, C, C++, Java	

MEMBERSHIPS:

2007-	Macedonian German Association for Cooperation
2005-	IEEE graduate student member

PUBLICATIONS :

- [1] M.Srbinovska, C. Gavrovski, "RMS-DC Converters" – XV International scientific and applied science conference ELECTRONICS, 2006, Sozopol, Bulgaria
- [2] M.Srbinovska, C. Gavrovski, "Comparing two methods for RMS-DC conversion" – ISSNB Conference, September, 2006, Ohrid, Macedonia
- [3] M.Srbinovska, V. Dimcev, C. Gavrovski, Z.Kokolanski "PC Based RLC Meter" – ICEST Conference, June, 2007, Ohrid, Macedonia
- [4] M.Srbinovska, V. Dimcev, C. Gavrovski, Z.Kokolanski "RLC measurement using Virtual Counting Techniques" – ETAI Macedonian national Conference, 2007, Ohrid, Macedonia
- [5] M.Srbinovska, V. Dimcev, C. Gavrovski "Wireless Sensor Networks: Performance Analysis in Indoor Scenarios", International scientific and applied science conference ICEST, 2008, Nis, Serbia
- [6] M.Srbinovska, C. Gavrovski, V. Dimcev "Localization System using RSSI Measurement of Wireless Sensor Network based on Zigbee Standard", International scientific and applied science conference ICEST, 2008, Nis, Serbia
- [7] M.Srbinovska, C. Gavrovski, V. Dimcev "Localization Estimation System Using Measurement of RSSI Based on Zigbee Standard" - XVII International scientific and applied science conference ELECTRONICS, 2008, Sozopol, Bulgaria
- [8] Zivko D. Kokolanski, Mare M. Srbinovska, Aleksandar D. Simevski, Vladimir I. Dimcev, Cvetan V. Gavrovski "Laboratory Stand for Power Quality Monitoring and Power Measurements by Using Virtual Instrumentation", Journal of Industrial Electronics, INDEL 2008, Banja Luka, BiH
- [9] V.Dimcev, Z. Kokolanski, C. Gavrovski, M. Srbinovska, "Virtual Instrument as a Tool for Teaching Power Quality", International Conference on Renewable Energies and Power Quality (ICREPQ'09), 15th to 17th April, Valencia, Spain
- [10] M. Srbinovska, C. Gavrovski, V.Dimcev, "Optimization Algorithm for Positioning Estimation In Wireless Sensor Networks", International scientific and applied science conference ICEST, 2009, Veliko Trnovo, Bulgaria
- [11] M. Srbinovska, V.Dimcev, "Approach to the Design of The Intelligent Wireless Sensors", International scientific and applied science conference ICEST, 2009, Veliko Trnovo, Bulgaria
- [12] B.Матески, М. Србиновска, В. Димчев, "Мерење на забрзување во сеизмичко фреквентно подрачје", ETAI Macedonian national Conference, 2009, Ohrid, Macedonia
- [13] M. Srbinovska, V.Dimcev, C. Gavrovski "Algorithm for localization of smart sensors in distributed measurement systems", In Proceedings of the ETAI Macedonian national Conference, 2009, Ohrid, Macedonia
- [14] M. Srbinovska, C. Gavrovski, V.Dimcev, "Distance Uncertainties of Nodes in Wireless Sensor Networks using Multilateration Algorithm", International scientific and applied science conference ICEST, 2010, Ohrid, Macedonia
- [15] M. Srbinovska, V.Dimcev, C. Gavrovski, Z. Kokolanski, "Localization Techniques in Wireless Sensor Networks using Measurement of Received Signal Strength Indicator," Journal of Electronics, vol. 15, no. 1, pp. 67–71, June 2011.
- [16] M. Србиновска, В. Димчев, Ц. Гавровски "Безжичен мерен систем со примена во

земјоделството”, In Proceedings of the ETAI Macedonian national Conference, 2009, Ohrid, Macedonia, 2011, Ohrid, Macedonia

[17] Vladimir Dimchev, Zhivko Kokolanski, Mare Srbinovska, Dragan Denic, Milan Simic “Low Cost Virtual Flickermeter”, 2012 IEEE International Instrumentation and Measurement Technology Conference, May 2012, Graz, Austria

[18] Zivko Kokolanski, Vladimir Dimcev, Mare Srbinovska, Dimitar Taskovski “Wireless Virtual Instrument for PQ Harmonic Analysis”, In Proceedings of the 56th ETRAN International Conference, 2012, Zlatibor, Serbia