Curriculum Vitae



Personal information

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Nationality	Bulgarian
Date / Place of birth	18.10.1980, Plovdiv
Gender	Male
Education and training	
Dates	07.2004 – 11.2008
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	code: 02.21.04, theme: "Methods for developing distributed embedded systems based on the TCP/IP environment"
Name and type of organisation providing education and training	Technical University of Sofia, branch Plovdiv, department "Computer Systems and Technologies"
Dates	10.2003 – 07.2004
Title of qualification awarded	Master of Science
Principal subjects/occupational skills covered	Computer Systems and Technologies
Name and type of organisation providing education and training	Technical University of Sofia, branch Plovdiv, department "Computer Systems and Technologies"
Dates	09.1999 – 09.2003
Title of qualification awarded	Bachelor of Science
Principal subjects/occupational skills covered	Computer Systems and Technologies
Name and type of organisation providing education and training	Technical University of Sofia, branch Plovdiv, department "Computer Systems and Technologies"
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Personal skills and competences **Bulgarian** Mother tongue(s) Other language(s) Self-assessment Understanding Writing Speaking Spoken Spoken Listening Reading interaction production English excellent excellent very good very good very good Russian good excellent good very good good Computer Networks, Distributed Systems, Embedded Networking, Real-**Professional Interests** time Operating Systems, Middleware technologies. Membership in Bulgarian Union of Automatics and Informatics from 2005 Professional Organizations IEEE Student Member 2006-2009 Additional information Scientific Awards: Award for best paper of young scientist in science conference of Union of Scientists in Bulgaria, Plovdiv, October 2004. Award for best presentation from conference "CompSysTech'06", June, 2006, section "Application aspects of Computer Science" Teaching experience: Laboratory work, subject "Computer Networks" in B.Sc. programme. 2003-2009 Laboratory work, subject "Distributed Systems and Computer 2004-2009 Communications" in M.Sc. programme. Laboratory work, subject "Distributed Embedded Systems" in M.Sc. 2004-2009 programme. Participation in Scientific Projects: Contract I-574/06.08.2004, Technical University of Sofia, branch Plovdiv 2004 (completed) subject: "Internet-based distributed embedded system for monitoring of parameters in real-time" National Science Fund of Bulgaria project, contract VU-MI-108/2005 2005-2008 (completed) subject: "Web Services and Data Integration in Distributed Automation and Information Systems in Internet Environment" National Science Fund of Bulgaria project, contract MU-MI-102/2005 2006-2008 (completed) subject: "Analysis of attacks and methods for securing Web services in global networks" Technical University of Sofia project 2007-2008 (completed) subject: "Web-based experimental network of controllers for analysis of informational interaction in distributed automation systems" 2009 (undergoing) Technical University of Sofia project subject: "Web-base experimental network for investigation of information interaction and data trafic in personal health systems (WebPHS)"

Annexes

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Publications:

2008 [1].N. **Kakanakov**, M. Shopov, and G. Spasov, "Time-Delay Simulation Analysis of Local Controller Networks," in Proc. International Conference on Computer Systems and Technologies (CompSysTech), June 2008, p. IIIA.12.

[2].M. Shopov, N. **Kakanakov**, and G. Spasov, "On the use of NS-2 is Simulations of Internet-based Distributed Embedded Systems," in Proc. Industrial Electronics (INDEL'08), Banja Luka, Bosnia and Herzegovina, November 2008.

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2007 [1].**Kakanakov**, N., E. Kostadinova, "Using SNMP for Remote Measurement and Automation," In Proc. ELECTRONICS07, 19-21 Sept 2007, Sozopol, BULGARIA, pp. 85-90.

[2].Shopov, M., N. **Kakanakov**, "EVALUATION OF A SINGLE WS-SECURITY IMPLEMENTATION," in Proc. International conference on Automatics and Informatics, Oct. 2007, Sofia, vol 1, pp. VI.39-42

[3].Shopov, M., I. Stankov, N. **Kakanakov**, "Standards and technologies for applying security in Web Services," journal Automatics and Informatics, 2007, vol 2 pp.8-11.

[4].**Kakanakov**, N., M. Shopov, G. Spasov, H. Hristev, "Performance Evaluation of Switched Ethernet as Communication Media in Controller Networks," International Conference on Computer Systems and Technologies - CompSysTech'07, page IIIA.8, 2007.

2006 [1].**Kakanakov**, N., M. Shopov, I. Stankov, and G. Spasov, "Web Services and Data Integration in Distributed Automation and Information Systems in Internet Environment," Journal International Review on Computers and Software, vol. 1, no. 3, pp. 194-201, Nov 2006.

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[6].G. Spasov, N. **Kakanakov**, and E. Ivanov, "An example of distributed measurement system employing web-based micro-controller DS *TINIm400*," Proc. Electronika, 2006, pp.173-178.

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[8].N. **Kakanakov**, M. Shopov, and G. Spasov, *"A new web based multitier model for distributed automation systems,"* Journal Information Technology and Control, vol. 2, pp.44-48, 2006.

[9].N. **Kakanakov** and M. Shopov, *"Evaluating controller network data extracting protocol for embedded devices,"* Proc. of conference "Electronics ET'06", 20-22 Sept 2006, Book 3, pp. 15-20, ISBN: 954-438-566-6.

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2004 [1].N. Kakanakov and G. Spasov, "Internet-based distributed embedded system for real-time monitoring," Proc. Conf. Technics, Technologies, Natural, Humanitarian, and Public Sciences, pp. 46-50, 2004.
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