

ARCHIVE 2009

List of publications in the Department of Communication Systems and Services (2009 only)

Books

None in 2009.

Papers in international journals

None in 2009.

Papers in Bulgarian journals

1. Afuzova A., N. Hristov, I. Radulov, P. Andreeva, The Architectural Approach as a Tool for Enterprise Risk Analysis, Proceedings of the ICCS-BAS, Vol. 3, 2009, pp. 104-114. (In Bulgarian)
2. Djambazova E., K. Dimitrov, Cyber Security Aspects in Critical Systems and Applications, Proceedings of the ICCS-BAS, Vol. 3, 2009, pp. 93-103.
3. Ilchev V, Zl. Ilcheva, Analysis of the Images of Non-intersecting Compact Sets in the Multidimensional Hough Space, Proceedings of the ICCS-BAS, Vol. 3, 2009, pp. 73-83. (In Bulgarian)
4. Ivanova T., V. Terzieva, Application of Web 2.0 and Semantic Technologies in Web-based E-Learning Systems, Proceedings of the ICCS-BAS, Vol. 3, 2009, pp. 53-62. (In Bulgarian)
5. Ivanova T., V. Terzieva, Methods and Tools for Development of Ontologies Used in E-Learning, Proceedings of the ICCS-BAS, Vol. 3, 2009, pp. 63-72. (In Bulgarian)
6. Terzieva V., P. Kademova-Katzarova, R. Andreev, E-Learning System for Effective Education of Pupils with Learning Difficulties, Proceedings of the ICCS-BAS, Vol. 3, 2009, pp. 43-52. (In Bulgarian)
7. Dichko Bachvarov, Nesim Baruh, Ani Boneva, Romyana Krasteva, Veselin Georchev, Jordan Doshev, Konstantin Stanishev, System for Temperature Accounting in Cabinets for Electronic Equipment, j. Mechanics, Transport, Communications - Mechanics and Mechatronics", vol. 1, 2009. (in Bulgarian)
8. K. Dimitrov, P. Popov, Aspects of Resilience in the Information Society Technologies, AUTOMATICA & INFORMATICS, YEAR XLIII, No.4/2009, pp. 63-66. (In Bulgarian)

Papers at international conferences

1. Kirov B., Bachvarov D., Krasteva R., Boneva A., Nedkov R., Klimov S., Grushin V., Georgieva K., Tonev P. Device for measuring electrostatic charges at International Space Station in dependence of Space Weather, Proceedings of National Russian Solar Physic Annual Conference, 5-11 July, St. Petersburg, Russia. (in Russian)
2. Andreev R., V. Terzieva, P. Kademova-Katzarova, An Approach to Development of Personalized E-learning Environment for Dyslexic Pupils' Acquisition of Reading Competence. In: Rachev, B., Smrikarov, A. (eds.) CompSysTech 2009. ACM International Conference Proceeding Series, ACM vol. 433. Proceedings of the International Conference on Computer Systems and Technologies CompSysTech'09, 18-19 June, Ruse, Bulgaria, 2009, pp. IV.13-1-IV.13-6.
3. E. Djambazova, "Node Reliability of A Fault-Tolerant Distributed Process Control System - Simulation Results", Proc. of the Int. Conf. "Automatics and Informatics' 2009", Sofia, Bulgaria, 29 Sept. - 4 Oct. 2009, pp. I-131 - I-134.
4. Ilieva-Mitutsova, Vasilev B., Bachvarov D., Zlatanov Z. A portable automated system with feedback for walk monitor and control. Proceeding of 13th Inter.Conf on Developments in Machinery Design and Control "Bydgoszcz'2009", Dec 11-12, 2009, Bydgoszcz, Poland, on CD (2009).
5. Kolev V., Tcvetkov M., Borisova A., Reduced-difference pyramid for astronomical image processing, International Congress on Mathematics MICOM'09, Ohrid, 2009
6. Zlatanov, Ilieva-Mitutsova L., Vasilev B., Bachvarov D. Development of automation system for dynamic analysis for long jump in real conditions Proceed. of 13th Inter. Conf on Developments in Machinery Design and Control "Bydgoszcz'2009", Dec 11-12, 2009, Bydgoszcz, Poland, on CD (2009). **Papers at national conferences**

Papers at national conferences

1. Kolev V., Kitanov N., Pareto two-criteria optimization with additional conditionals, Proceedings of Scientific Session RU'2009, vol.48, books 3.1, pp. 84-88, Ruse, 2009.

2. Ilcheva Zl. S., Ilchev V. V. Watermarking for Digital Multimedia Authentication. Proceedings of the International Conference 'Automatics and Informatics'09, (29.09-04.10. 2009, Sofia), SAI, Sofia, 2009, I-25 - I-28..
3. Terzieva V., N. Troyanova, R. Andreev. Collaboration in E-Learning Systems, Proceedings of International Conference on Automatics and Informatics'09, 29.09 - 4.10. 2009, Sofia, Bulgaria, pp. I-169 - I-172.
4. R. Krasteva, D. Bachvarov, V. Georchev, A. Boneva, J. Doshev, K. Stanishev, Implementation of wireless protocol IEEE 802.15.4 in IP architectures, 19-th International conference ROBOTICS AND MECHATRONICS' 2009, October 06-09, 2009 Proceeding, pp. 177 - 181. (In Bulgarian)
5. R. Krasteva, D. Bachvarov, V. Georchev, A. Boneva, J. Doshev, Connecting Wireless Sensor Networks to the Internet Using 6LOWPAN, Implementation, International Conference Automatics and Informatics'09 29.09-04-10. 2009, Proceeding, pp. II-33-36. (In Bulgarian)
6. R. Krasteva, D. Bachvarov, A. Boneva, V. Georchev, Communication platform, based on ZigBee wireless protocol for information exchanging and network organization between groups of mobile robots, 10-th International conference on robotics Practro'2009, 12-15 June 2007, Varna, 2009, accepted paper.

On-line publications

None in 2009.

Presentations at international forums

1. E. Djambazova, "Future and Emerging Threats in Critical Systems", Second FORWARD Workshop, 5 - 6 May 2009, Saint-Jean-Cap-Ferrat, France.
2. E. Djambazova, "FORWARD Critical Systems Working Group", Panel on the Emerging Research Directions for ICT Threats, 2009 European Workshop on System Security, Nuremberg, Germany, 31st March 2009, <http://www.ict-forward.eu/media/publications/eurosec09-edita.djambazova.pdf>.

Presentations at Bulgarian forums

1. E. Djambazova, "Future and Emerging Threats in ICT", Days of Information and Communication Technologies 2009, Sofia, Bulgaria, 28-31 October 2009, <http://www.ict-forward.eu/media/publications/forward-ict-days-2009-sofia-presentation.pdf>
2. Andreev R., V. Terzieva, P. Kademova-Katzarova, Modern ICT for Effective Teaching Dyslexic Pupils, National Conference Information "Technologies for the New Education", BAIT, Sofia, 30 October 2009. (In Bulgarian)