

List of publications in the Department of Communication Systems and Services (2005 only)

Papers in international journals

1. Katya Georgieva, Boian Kirov, Javaraiah Javaraiah, Rумыana Krasteва, Solar rotation and solar wind - magnetosphere coupling. Planetary and Space Science, vol. 53, no. 1-3, Elsevier, 2005, pp. 197-207.
2. Trifonov, D., O. Tzarnoretcki, Ditchko Batchvarov, Ani Boneva, Rумыana Krasteва, A possibility for Investigation of Dissolved Oxygen Quantity in a Laboratory Aeration Module with Computer System, Cybernetics and Information Technologies, vol. 5, no. 1, 2005, pp. 128-133.

Papers in Bulgarian journals

1. Ditchko Batchvarov, Georgy Blajev, Ani Boneva, Rумыana Krasteва, Konstantin Stanishev, Microprocessor Modular System For Data Collecting And Data Management From Dallas Semiconductor Sensors, j. Mechanics, Transport, Communications - Mechanics and Mechatronics", vol. 1, 2005. (in Bulgarian)
2. Ilcheva Zl., V. Ilchev. Lossless Compression of Digital Images, Engineering Science, Year XLII, No. 1, 2005, pp. 5-13.
3. R. Krasteва, A. Boneva, D. Bachvarov, V. Georchev, Computer system for monitoring and observation of temperature characteristics. Automatics and Informatics , Vol .3, UAI, (2005), pp. 11-14. (In Bulgarian)
4. Krasteва R., A. Boneva, V. Georchev, I. Stoianov, Application of Wireless Protocols Bluetooth and ZigBee in Telemetry System Development, j. "Problems of industrial cybernetics and robotics", Vol. 55, Sofia, 2005, pp. 30-38.

Papers at international conferences

1. S. Angelov, V. Georchev, A. Angelov, D. Batchvarov, A. Boneva, R. Krasteва, E. Bachvarova, K.I Belov, Distributed system for collection and management of the information using wireless technology, Proceedings of the Third IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS'2005) (IEEE Catalog Number: 05EX1192C), Sofia, Bulgaria, September 5-7, 2005, pp. 331-336
2. Terzieva V., K. Todorova, About Creating Reusable Learning Objects in Web-based Learning Environment, Proceedings of 14th International Scientific and Applied Science Conference Electronics ET'2005, Sozopol, Bulgaria, 21-23 September 2005, pp. 23-28.
3. Andreeva P., M.Dimitrova , A.Afuzova-Hristov., Description of Intelligent Systems by Cognitive Methods, Proceedings of International Conference "Computer Science", 30 Sept.-2 Oct. 2005, Greece, pp.194-200.
4. Kirov B., Batchvarov D., Boneva A., Krasteва R., Georgieva K., Klimov S., A Remote Upgrading of the Special Software for the Langmuir Probe Aboard the International Space Station, Proceedings of 11th International Scientific Conference "Solar-Terrestrial Influences", 24-25 November 2005 Sofia, Bulgaria, , pp. 185-188.
5. Andreev, R., N. Troyanova, Modeling of Software Production: an Analysis, Proceedings of the 19th International Conference on Systems for Automation of Engineering and Research(SAER-2005), St. St. Constantine and Elena, Varna, Bulgaria, September 24-25 2005, pp. 154-157.
6. Andreeva P., A. Afuzova-Hristova., Data-mining agent for identification of regularities, Proceedings of International Conference "Computer Science", 30 Sept.-2 Oct. 2005, Greece, pp.135-141.

Papers at national conferences

1. V. Georchev, D. Bachvarov, A. Boneva, R. Krasteва, K. Stanishev, Computer system for investigation a dissolved oxygen quantity in waste water, 7-th International Symposium TECHNOMAT&INFOTEL'2005, Proceeding vol IV, Science Invest Ltd Burgas, 2005, pp. 76-84. (In Bulgarian)
2. Kolev V., Construction of optimal orthogonal wavelet filters, Proc. Elect. Eng. Elec. Auto., vol. 44, book 3.1, pp. 64-67, Ruse, 2005
3. V. Geortchev, I. Stoianov, D. Batchvarov, A. Boneva, R. Krasteва, K. Stanishev, G. Vallortigara, Telemetry System for Single-Cell Recording in Birds: Bluetooth-based digital communication, Proceedings of the 15th Scientific conference "ROBOTICS and MECHATRONICS", 12-14 October 2005., pp. 3.14-3.18, 2005. (In Bulgarian)
4. Krasteва R., A. Boneva, E. Bachvarova, S. Angelov, D. Batchvarov., Embedded System - Organization, Gaps, Applications and One Solution in this Area, Proceedings of the 15th Scientific conference "ROBOTICS and MECHATRONICS", 12-14 October 2005, pp. .3.19 - 3.23. (In Bulgarian)

5. Belov K., A. Angelov, S. Angelov, D. Batchvarov, A. Boneva, R. Krasteva., Customer Centered Integrated Platform for Broadband Information Services Offerings, Proceedings of the 15th Scientific conference "ROBOTICS and MECHATRONICS", 12-14 October 2005, pp. 4.1-4.5.

On-line publications

1. Geortchev V., I. Stoianov, R. Krasteva, A. Boneva, D. Batchvarov, K. Stanishev, R. Zahariev and G= Vallortigara, Digital Communication for Telemetric Multi-Neuron Recordings, Academic Open Internet Journal (AOIJ), Category: IT and Computing, Volume: 16 (20.12.2005), <http://www.acadjournal.com/2005/v16/part6/p3/>

Presentations at international forums

None in 2005.

Presentations at Bulgarian forums

None in 2005.