

Mariana Goranova, TU-Sofia



Titel: Prof.

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Bereich: Computer Systems and Technologies

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Derzeitige Funktion:

Lecturer

Arbeitsgebiet:

Object-oriented programming, advanced software technologies, web based technologies, data structures, application algorithms, databases

Promotionsberechtigt: ja nein

Forschungskompetenz:

Programming languages, object-oriented programming, service-oriented architectures, security, NET technologies, ASP.NET MVC, eScience, cloud technologies

Forschungshintergrund:

KlicProblems of Interactive Education in Programming, Methods and Tools for Graphical WEB Services, Distributed Database, Optimization of Corporate System for Data Processing and Collection, Research and Development of a System that Implements Object-oriented Databases, Service-oriented Technologies for Data Processing, Searching, Storing and Visualization, Integrating E-Learning and Open Educational Resources into Classroom.ken oder tippen Sie hier, um Text einzugeben.

Gewünschte Forschungs Kooperationen:

Forschungsthemen:

Bereits bestehende Kooperationen:

Ggf. bestehende Förderprogramme:

Wunschpartner beim FDIBA-Projekt:

Publikationen (max. 10):

1. Semkova, J., R. Koleva, St. Maltchev, N. Kanchev, V. Benghin, I. Chernykh, V. Shurshakov, V. Petrov, E. Yarmanova, N. Bankov, V. Lyagushin, M. Goranova, Radiation Measurements inside a Human Phantom aboard the International Space Station using Liulin-5 Charged Particle Telescope, *Advances in Space Research*, ELSEVIER, COSPAR, ISSN 0273-1177, vol. 45, Issue 7, 01 April 2010, pp. 858-865, doi:10.1016/j.asr.2009.08.027.
2. Shishedjiev, B., M. Goranova, J. Georgieva, XML-based Language for Specific Scientific Data Description, *Proceedings of The Fifth International Conference on Internet and Web Applications and Services*, ICIW 2010, ISBN: 978-0-7695-4022-1, 9-15 May 2010, Barcelona, Spain, IEEE Computer Society, pp. 345-350.
3. Goranova, M., B. Shishedjiev, J. Georgieva, V. Achev, Automatic Conversion of Scientific Data into Canonical Format, *Proceeding of EUROCON – International Conference on Computer as a Tool (EUROCON)*, 2011, ISBN: 978-1-4244-7486-8, Digital Object Identifier: 10.1109/EUROCON.2011.5929171, 27-29 April 2011, Lisbon, Portugal, IEEE Computer Society, pp. 1-4.
4. Georgieva, J., M. Goranova, Security as a Service Model in SOA, *Recent Advances in Applied & Biomedical Informatics and Computational Engineering in Systems Applications*, *Proceedings of the 11th WSEAS International Conference on Applied Informatics and Communications (AIC'11)*, ISBN: 978-1-61804-028-2, 23-25 August 2011, Florence, Italy, pp. 117-122.
5. Goranova, M., LINQ to Objects Supported Joining Data, *Yearbook – Faculty of Computer Science*, Vol. 1, No 1, 2012, pp. 109-119, ISSN: 1857- 8691, <http://js.ugd.edu.mk/index.php/YFCS>.
6. Goranova, M., G. Georgiev, T. Vasileva, L. Stoyanova, SOA-based Scientific Data Management and Visualization System, *Annual Journal of Electronics*, 2013, ISSN 1314-0078, Volume 7, pp. 34-37.
7. Goranova, M., J. Semkova., B. Shishedjiev, S. Genova, SOA-based Intensive Support System for Space Radiation Data, *Comptes rendus de l'Académie bulgare des Sciences*, ISSN 1310-1331, v.66, No1. p.85-94.
8. Goranova, M., *Advanced Programming Tools in .NET Framework*, ISBN: 978-619-167-020-8, Technical University of Sofia, 2013.
9. Goranova, M., *Scientific Data Management and Visualization: A Service-Driven Integration Approach*, *Handbook of Research on Architectural Trends in Service-Driven Computing*, Raja Ramanathan, Kirtana Raja, IGI Global, ISSN: 2327-3453, pp. 509-536, 2014.
10. Kalcheva-Yovkova E., M. Goranova, Current Segmentation Algorithms for Abdominal CT Images, *Proceedings of International Scientific Conference on Computer Science'2015*, ISBN:978-619-167-177-9, Durres, Albania, 2015, pp. 255-261.