



Професионална автобиография

Красимира Минкова Иванова

Служебен адрес	Институт по математика и информатика при Българска академия на науките секция Софтуерни технологии и информационни системи София – 1113, ул. "Акад. Г. Бончев", блок 8 web: www.math.bas.bg/infres/~ivanova e-mails: kivanova@math.bas.bg ; krass.ivanova@mail.bg															
Образование	Софийски университет "Св. Климент Охридски", Факултет по математика и информатика - Магистър по математика, спец. Математическо осигуряване (1988) - Методика на обучението по математика (1992)															
Трудов стаж	Институт по математика и информатика: - програмист (1991) - н.с. II ст. (1995) - н.с. I ст./гл. асистент (2002) - доцент (2013)															
Основни научни интереси	Data Mining, Image Retrieval, Databases, Information Systems, and User-system Interaction applied in areas such as: Digitization of Cultural Heritage, Analysis of Economical Processes, Disaster Risk Management, and Education.															
Чужди езици	<table><tr><td>език</td><td>четене</td><td>говорене</td><td>писане</td></tr><tr><td>English</td><td>4</td><td>4</td><td>4</td></tr><tr><td>Russian</td><td>5</td><td>4</td><td>4</td></tr></table> (1 – лошо; 5 – отлично)				език	четене	говорене	писане	English	4	4	4	Russian	5	4	4
език	четене	говорене	писане													
English	4	4	4													
Russian	5	4	4													
Специализация и работа в чужбина	Хаселтски университет, Белгия – по месец през 2009, 2010, 2011 Институт за информационни науки и технологии (ISTI-CNR), Италия – един месец през 2013															
Защитена докторска степен	15.11.2011, Хаселтски университет, Белгия															
Научна и научно-приложна дейност	Съавтор в книги (глави от книги) – 5 Съавтор в статии на конференции и списания – над 90 Съредактор на научни книги – 1 Цитирания – над 100 Участие в научни проекти – 13															
Организационна дейност	Членство в програмни и организационни комитети – 30 Участие в редколегии на сборници на конференции или списания – 25															
	Scopus Author ID: 57193526707 ORCID ID: 0000-0001-5056-7513 https://scholar.google.com/citations?user=a2ITpMMAAAAJ&hl=en															

Участие в европейски проекти и по ОП

1. 2018-2023: Project DO1-161 "National Geoinformation Center for monitoring, assessment and prediction natural and anthropogenic risks and disasters", Funded by Bulgarian Ministry of Education and Science, through National Roadmap for Science Infrastructure 2017-2023
2. 04.2016-09.2019: Project 730009 Scientix 3 "The community for Science Education in Europe 3", H2020 - EU.5.a.
3. 01.2013-03.2016: Project 337250 Scientix 2 "The community for Science Education in Europe 2", FP7: CSA-SA - Support actions
4. 02.2012-12.2013: Project OUTLAND "Open protocols and tools for the edUcation and Training of voLuntary organisations in the field of Civil Protection, against nAtural Disasters (forest fires) in Greece and Bulgaria", ETCP "Greece-Bulgaria 2007-2013"
5. 12.2011-05.2014: Project RI-283595 OpenAIRE+ "2nd Generation Open Access Infrastructure for Research in Europe (OpenAIRE+)", FP7-Grant agreement for: Combination of CP and CSA
6. 2011-2014: Joint research project "Content Presentation and Services Integration in Czech and Bulgarian Mathematical Digital Libraries", between Bulgarian Academy of Sciences and Czech Academy of Sciences
7. 12.2009-11.2012: Project RI-246686 OpenAIRE "Open Access Infrastructure for Research in Europe", in the frame FP7-INFRASTRUCTURES-2009-1
8. 06.2009-05.2012: Transnational Interreg project "Monitor II - Practical Use of Monitoring in Natural Disaster Management", financed by the European regional development fund with the programme South East Europe
9. 2009-2011: Project DO 02 308 "Automated Metadata Generating for e-Documents Specifications and Standards", financed by Bulgarian National Science Fund
10. 2009-2011: Join research project "High Level Semantic Retrieval in Web based Multimedia Systems" with the Faculty of Management, Tel Aviv University, Tel Aviv, Israel
11. 2009-2010: Project No: R 1875 "Search in Art Image Collections Based on Color Semantics", financed by Hasselt University
12. 2007-2009: Join research project "High Level Semantic Retrieval in Multimedia Systems" with the Institute of Information Science and Technologies (ISTI), CNR, Italy
13. 2000-2001: Project No: 2034/1346/2000 "Pedagogical Approaches and Information Technologies: Social Aspects, Environments, Support, Interconnections". Research Support Scheme of the Open Society Support Foundation. Prague, Petersburg, Sofia

Израни научни публикации

1. Ivanova, K., Dobрева, M., Stanchev, P., Totkov, G. (editors): Access to Digital Cultural Heritage: Innovative Applications of Automated Metadata Generation. University Publishing House "Paisii Hilendarski", Plovdiv, 2012, ISBN: 978-954-423-722-6, 256 p.

2. Branzov T., Kr. Ivanova, Ml. Georgiev: Service-Microservice Architecture for Context-Aware Content Delivery in National Geoinformation Center of Bulgaria. Proc. of the 11th International and Interdisciplinary Conference on Modeling and Using Context, CONTEXT-2019, LNAI (subseries of LNCS), Vol. 11939, Springer, ISSN:0302-9743, pp. 40-50. SJR (Scopus):0.283
3. Branzov T., Kr. Ivanova, Ml. Georgiev: Service-microservice Basic System Architecture Model for Geoinformation Centers. Proc. of the 19th Interdisciplinary Scientific Geo Conference SGEM 2019, Vol.19, Issue 2.1, 2019, ISBN: 978-619-7408-79-9, ISSN: 1314-2704, pp.587-594. SJR (Scopus):0.209
4. Branzov T., Kr. Ivanova: Conceptual Modeling of Crowdsourcing Variations.Proc. of the 12th Int. Conference on Information Systems and GridTechnologies, Sofia, Bulgaria, CEUR Workshop Proceedings, Vol. 2464, ISSN: 1613-0073, pp.7-14. SJR (Scopus):0.166
5. Branzov, T., Kr. Ivanova: Reducing Risk in the Optimization of Business Processes through Crowdsourcing.Economic Thought, 2019, No. 3, pp.51-66 (in Bulgarian) // Брънзов, Т., Кр. Иванова: Намаляване на риска при оптимизацията на бизнес процеси чрез краудсорсинг. сп. Икономическа мисъл, 2019, кн.3, ISSN 0013-2993, стр.51-66. (ERIH Plus)

6. Peneva, J., Ivanov, S., Ivanova, K., Stanchev, P.: Challenges to the Support of Bulgarian Open Institutional Repositories. Proc. of the National Conference on Informatics, dedicated to 80th anniversary of Prof. Peter Barnev, Sofia, Bulgaria, 2016, pp.143-152.
7. Mitov, I., Depaire, B., Ivanova, K., Vanhoof, K.: Classifier PGN: Classification with High confidence Rules. *Serdica J. Computing* 6(2), 2013, ISSN 1312-6555, pp.143–164.
8. Spyrtos, N., Stanchev, P., Ivanova, K., Mitov, I.: Query Enrichment for Image Collections by Reuse of Classification Rules. Proc. of the 3rd Int. Conf. "Digital Preservation and Presentation of Cultural Heritage", Veliko Tarnovo, Bulgaria, 2013, ISSN 1314-4006, pp.121-125.
9. Ivanova, K., Mitov, I., Stanchev, P., Ein-Dor, Ph., Vanhoof, K.: Establishing Correspondences between Attribute Spaces and Complex Concept Spaces Using Meta-PGN Classifier. Proc. of the 2nd Int. Conf. "Digital Preservation and Presentation of Cultural Heritage", Veliko Tarnovo, Bulgaria, 2012, ISSN 1314-4006, pp.71-77.
10. Ivanova K., Stanchev, P., Velikova, E., Vanhoof, K., Depaire, B., Kannan, R., Mitov, I., Markov, K.: "Features for art painting classification based on vector quantization of MPEG 7 descriptors", Second International Conference on Data Engineering and Management ICDEM 2010, 29 30.07.2010, India, LNCS, Vol. 6411, 2012, pp. 146-153, ISSN 0302-9743. SJR (Scopus): 0.346
11. Ivanova, K., Mitov, I., Stanchev, P., Velikova, E., Vanhoof, K., Depaire, B., Kannan, R.: Local Features in APICAS (Analyzing of Added Value of the Descriptors Based on MPEG-7 Vector Quantization). *Int. J of Computer Science and Artificial Intelligence*, 2(4), Dec. 2012, ISSN: 2226-4450(e) 2226-4469(p), pp. 23-32.
12. Ivanova, K.: APICAS – An Example of Incorporating Colour Semantic Descriptors into Digital Art Image Repositories. *Bulletin of IEEE Technical Committee on Digital Libraries*, 8(3), May 2012, ISSN 1937-7266, pp.1-9.
13. Ivanova, K.: Content-Based Image Retrieval in Digital Libraries of Art Images Utilizing Colour Semantics. Proc. of the Int. Conf. on Theory and Practice of Digital Libraries TPDL 2011, Berlin, Germany, LNCS 6966, 2011, pp.515-518. SJR (Scopus): 0.338
14. Mitov, I., Ivanova, K., Depaire, B., Vanhoof, K.: ArmSquare: an association rule miner based on multidimensional numbered information spaces. Proc. of the 1st Int. Conf. on Advances in Information Mining and Management, IMMM-2011, Barcelona, Spain, 2011, pp.143-148.
15. Ivanova, K., Stanchev, P., Vanhoof, K.: Automatic tagging of art images with color harmonies and contrasts characteristics in art image collections. *International Journal on Advances in Software*, Volume 3, No.3&4, 2010, pp.474-484.
16. Ivanova, K., Stanchev, P., Vanhoof, K., Ein-Dor, Ph.: Semantic and abstraction content of art images. The Fifth Mediterranean Conference on Information Systems, 12-14.09.2010, Tel Aviv, Israel, paper 42, <http://aisel.aisnet.org/mcis2010/42>. (AIS eLibrary)
17. Ivanova, K., Dobрева, M., Stanchev, P., Vanhoof, K.: Discovery and use of art images on the web: an overview. Third International Euro-Mediterranean Conference EuroMed 2010, 8-13.11.2010, Lemesos, Cyprus, *Archaeolingua*, pp. 205-211.
18. Ivanova Kr., P.L. Stanchev, Color Harmonies and Contrasts Search in Art Image Collections, First International Conference on Advances in Multimedia MMEDIA 2009, 20-25.07.2009, Colmar, France, pp.180-187, ISBN: 978-0-7695-3693-4. (Web of Science)
19. Ivanova Kr., I. Mitov, Kr. Markov, P. Stanchev, K. Vanhoof, L. Aslanyan, H. Sahakyan. Metric Categorization Relations Based on Support System Analysis. In Proceedings of the VIIth Int. Conf. "Computer Science and Information Technologies", 28.09-02.10.2009, Yerevan, Armenia, pp.85-88, ISBN: 978-5-8080-0797-0.
20. Mitov I., Kr. Ivanova, Kr. Markov, V. Velychko, K. Vanhoof, P. Stanchev. "PaGaNe" – A Classification Machine Learning System Based on the Multidimensional Numbered Information Spaces. In Int.Conf. "Intelligent Systems and Knowledge Engineering" (ISKE2009), 27-28.11.2009, Hasselt, Belgium. Printed in World Scientific Proceedings Series on Computer Engineering and Information Science, No:2, pp. 279-286, ISBN: 978-981-4295-05-5. (Web of Science)
21. Mitov I., Kr. Ivanova, Kr. Markov, V. Velychko, P. Stanchev, K. Vanhoof. Comparison of Discretization Methods for Preprocessing Data for Pyramidal Growing Network Classification Method. Presented at Int.Conf. i.Tech-2009, Madrid, Spain, 02-05.09.2009. Published in Int. Book Series "Information Science & Computing" – Book No: 14. New Trends in Intelligent Technologies, Sofia, 2009, pp. 31-39.