

Curriculum vitae

<i>Name, academic position and degree</i>
Desislava Ivanova Paneva-Marinova, Assoc. Prof., PhD
<i>Affiliation – research organization, department</i>
Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, Mathematical Linguistics Department
<i>Education</i>
Plovdiv University, Mathematics and Informatics, Bachelor degree, 1997 – 2001 Veliko Tarnovo University, Informatics, Master degree, 2001 – 2003 Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, PhD degree, 2004-2008 PhD thesis on Semantic-oriented Architecture and Models for Personalized and Adaptive Access to the Knowledge in Multimedia Digital Library, Sofia, defended on 27 October 2008, pp. 1-182
<i>Academic positions in the last five years</i>
Institute of Mathematics and Informatics, Bulgarian Academy of Sciences Mathematician (2002-2007)

Assist. Prof. (2007-2012)

Assoc. Prof. (since 2012)

Secretary of the Mathematical Linguistics Department, 2012-2016

Chair of the Mathematical Linguistics Department, since 2016

Main research area and subareas

Technologies for knowledge presentation and processing, Data management, Data processing, Data Analytics, Semantic web, Multimedia digital libraries and services, Digital content management systems, Social platforms and networks

Additional research areas and subareas

eLearning, Applied/Serious games, Gamification

Specializations abroad and international collaborations

1) Heidelberg Laureate Forum, Heidelberg, Germany, 22-27 September, 2013+Chaired workshop on on Approaches for Smart Access and Organization of Digital Content in Multimedia Archives and Digital Libraries for Cultural Heritage, 24 September;

2) Research exchange visit for one-month in high-tech scientific complexes and infrastructures for Post-PhD students and young scientists, Institute of Information Science and Technology "Alessandro Faedo" Consiglio Nazionale delle Ricerche (ISTI-CNR), Pisa, Italia, 11th October-9th November, 2012;

3) Bulgarian Young Leader Program, Teachers College, Columbia University, New York. USA, 16th September- 6th October 2012; Main organizers: Columbia Center for New Media Teaching and Learning (<http://ccnmtl.columbia.edu/>) and Center for Technology and School

Change (CTSC) at Teachers College, Columbia University, Office of International Education at Teachers College, Columbia University, America for Bulgaria Foundation

4) DL.org Autumn School “Digital Libraries and Digital Repositories: Modelling, Best Practices & Interoperability”, Athens, Greece, 3rd – 8th of October 2010

5) Summer School on Multimedia Semantics “Analysis, Annotation, Retrieval and Applications”, University of Glasgow, Scotland, UK, 15th – 21st of July 2007

6) Scientific Program of mobility “Transfer of Innovative Methods and Competencies for E-training for New Media Skills, Chania, Greece, 2nd – 14th October 2006

Scientific awards and membership in scientific societies

Finalist in a competition for young scientists and graduate students "Bulgarian contribution to contemporary research area" of Bulgarian Academy of Sciences and Center Ykuo Hirayama for an original research project "Open access to scientific research in Bulgaria", November 28, 2012 (diploma).

Member of the Union of Scientists in Bulgaria

Member of the Union of Mathematicians in Bulgaria

Name, used in publications in foreign language: Desislava Paneva-Marinova/Desislava Paneva

H index (according to Scopus or Web of Science): 1 - Scopus

Internet address with list of scientific publications (ResearcherID, Research gate, etc.):

https://www.researchgate.net/profile/Desislava_Paneva-Marinova

Total number of scientific publications: 85, incl. 2 monographies

From them with impact factor or impact rang: 1

Number of citations of the scientific publications: more than 250

Number of scientific publications in the last five years: 40

From them with impact factor or impact rang:

Number of citations of the scientific publications in the last five years: more than 80

Selected scientific publications in the field of the research project

1. Paneva-Marinova, D., Goynov, M., & Luchev, D. (2017). Multimedia digital library: Constructive block in ecosystems for digital cultural assets. Basic functionality and services. Berlin, Germany: LAP LAMBERT Academic Publishing, pp. 1-132.
2. Paneva-Marinova, D., Pavlov, R., Kotuzov, N., Approach for Analysis and Improved Usage of Digital Cultural Assets for Learning Purposes, International journal "Cybernetics and Information Technologies", Vol. 17, No 3, 2017, Print ISSN: 1311-9702, Online ISSN: 1314-4081 (SJR 2015 = 0.170, SNIP 2015 = 0.425, IPP 2015 = 0.289, CiteScore 2015 = 0,39) (in print)
3. Paneva-Marinova, D. L. Pavlova-Draganova, L. Draganov, V. Georgiev, Ontological Presentation of Analysis Method for Technology-enhanced Learning, In the Proceedings of the International Conference on Computer Systems and Technologies ComSysTech'12, Ruse, Bulgaria, 22-23 June, 2012, pp. 384-390, ISBN: 978-1-4503-1193-9 , ACM ICPS
4. Paneva-Marinova, D. Personal Work Space and Content Analysis Functionality in a Cultural Heritage Digital Library, In the Proceedings of the Second International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, September 18-21, 2012, Veliko Tarnovo, Bulgaria, ISSN: 1314-4006, pp.78-84
5. Arapi, P., D. Paneva-Marinova, R. Pavlov, S. Christodoulakis, Techniques to Personalized Observation and Improved Learning Experience in Digital Libraries, In the Proceeding of the International Conference on e-Learning'16, September 2016, Bratislava, Slovakia, ISSN: 2367-6698 (Print), pp. 94-100.
6. Pavlov, R., D. Paneva, N. Moumoutzis, P. Arapi, E. Ovcin, G. Morrone, Z. Markus (2007). Analysis of innovative learning services in Web, interactive TV and mobile applications for non-formal settings. Demetra Ltd. Publisher, Sofia, Bulgaria, 2007, pp. 1-163, ISBN: 978-954-8986-24-3.
7. Camus, A. D. Paneva-Marinova, D. Luchev, Digital Humanities: Challenges of the Transformation of Tools and Objects of Knowledge in Contemporary Humanities, In the Proceedings of the Third International Conference on Digital Presentation and Preservation

- of Cultural and Scientific Heritage, September 18-21, 2013, Veliko Tarnovo, Bulgaria, ISSN: 1314-4006, pp. 109-119
8. Ivanova, K. G. Bogdanova, K. Zdravkov, D. Paneva-Marinova, R. Pavlov, Project "North +": documenting, preserving and providing public access to the cultural heritage in libraries, museums, archives and galleries in North and Central Bulgaria. In: Proceedings of the UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, September 18-21, 2014, Veliko Tarnovo, Bulgaria, 2014, 263-269. ISSN 1314-4006
 9. Paneva-Marinova, D., M. Goynov, D. Luchev (2014), Towards Wider Sharing of Iconographical Art Content. In: Proceedings of the UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, September 18-21, 2014, Veliko Tarnovo, Bulgaria, 2014, 127-134. ISSN 1314-4006
 10. Paneva-Marinova, D., R. Pavlov, Educational Application of top of Digital Library for Cultural Heritage, In the Proceedings of the International Conference on e-Learning and the Knowledge Society (E-Learning'11), 26 August, 2011, Bucharest, Romania, pp. 219-224, ISBN: 978-606-505-459-2
 11. Bontchev, B, D. Paneva-Marinova, L. Draganov, Educational Video Games for Bulgarian Orthodox Iconography, In the Proceedings of the 9th annual International Conference of Education, Research and Innovation (ICERI2016), Seville, Spain, 14th-16th November, 2016, pp. 1679-1688, ISBN: 978-84-617-5895-1, ISSN: 2340-1095, doi: 10.21125/iceri.2016.1374, <https://library.iated.org/view/BONTCHEV2016EDU>
 12. Luchev, D., D. Paneva-Marinova, R. Pavlov, G. Kaposi, Z. Márkus, G. Szántó, T. Szkaliczki, M. Veres, Game-based Learning of Bulgarian Iconographical Art on Smart Phone Application, In the Proceeding of the International Conference on e-Learning'16, September 2016, Bratislava, Slovakia, ISSN: 2367-6698 (Print), pp. 195-200.
 13. Paneva-Marinova, D. R. Pavlov, M. Goynov, Two Integrated Digital Libraries for Knowledge and Iconography of Orthodox Saints, In: Progress in Cultural Heritage Preservation, 4th International Conference, EuroMed 2012, Lemessos, Cyprus, October 29 -- November 3, 2012, Proceedings, Series: Lecture Notes in Computer Science, Vol. 7616, Springer, Heidelberg, Subseries: Information Systems and Applications, incl. Internet/Web, and HCI, Ioannides, M.; Fritsch, D.; Leissner, J.; Davies, R.; Remondino, F.; Caffo, R. (Eds.), 2012, XXV, pp. 684--691.
 14. Kaposi, G. T. Szkaliczki, M. Márkus, D. Luchev, M. Goynov, D. Paneva-Marinova, Mobile Exploring of the Bulgarian Iconography through QR Codes in the GUIDE@HAND Tourist Guide Application, In the Proceedings of the Third International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, September 18-21, 2013, Veliko Tarnovo, Bulgaria, ISSN: 1314-4006, pp. 44-52.
 15. Paneva-Marinova, D., D. Luchev, Z. Márkus, T. Szkaliczki, Mobile Access to Specimens of the Bulgarian Iconography through QR Code in GPS-based Information System, In the

proceedings of the Forty Third Spring Conference of the Union of Bulgarian Mathematicians, Bulgaria, April, 2014, pp. 180-185, ISSN: 1313-3330

16. Draganov, L. D. Paneva-Marinova, L. Pavlova, D. Luchev, Z. Márkus, G. Szántó, T. Szkaliczki: Technology-enhanced Learning for Cultural Heritage, In: Proceedings of the Fifth International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 28-30, 2015, 293–302. ISSN: 1314-4006
17. Pavlov R., D. Paneva, Toward Ubiquitous Learning Application of Digital Libraries with Multimedia Content, International Journal “Cybernetics and Information Technologies”, vol. 6 (2006), № 3, pp. 51-62

E-mail address for registration in the database of the Bulgarian National Science Fund

dessi@cc.bas.bg

Participation in projects supported by BNSF in the last five years

Competition (type and year): Competition for financial support of fundamental research – 2016

Number and date of the contract: № DN02/6/15.12.2016

Title: Concepts and Models for Innovation Ecosystems of Digital Cultural Assets

Project coordinator: Coordinator for IMI-BAS – Radoslav Pavlov, D. Paneva-Marinova - Work package leader

Status of the project: running phase 1

Evaluation of the project implementation (for completed projects): -

Competition (type and year): Promoting research in priority areas (thematic competition)"- 2008

Number and date of the contract: № D-002-189

Title: Semantic Technologies for Web Services and Technology Enhanced Learning

Project coordinator: Coordinator for IMI-BAS – Radoslav Pavlov

Status of the project: completed, 2008-2012

Evaluation of the project implementation (for completed projects): very good

Participation in projects supported by other sources in the last five years

Financing organization: EC

Type of the competition and year: H2020-WIDESPREAD-2014-2015/H2020-WIDESPREAD-2014-1, Teaming

Number or acronym of the project: No. 664406

Title: MMAC: Centre of Excellence for Mathematical Modeling and Advanced Computing in Science and Engineering

Project coordinator: Coordinator for IMI-BAS – Julian Revalski, D. Paneva-Marinova - Work package leader

Status of the project: completed (2015-2016)

Financing organization: EC

Type of the competition and year: BG08 programme "Heritage and Contemporary Art" Measure 2: "Documentation of the Cultural History"

Number or acronym of the project: North +

Title: Documenting, Preserving and Providing Public Access to the Cultural Heritage in Libraries, Museums, Archives and Galleries in North and Central Bulgaria

Project coordinator: Coordinator for IMI-BAS – Radoslav Pavlov

Status of the project: final report delivered (2015-04.2017)

Financing organization: EC

Type of the competition and year: EU Competitiveness and Innovation Framework Programme, ICT Policy Support Programme

Number or acronym of the project: CIP-ICT-PSP.2009.2.4

Title: EuDML – European Digital Mathematical Library

Project coordinator: Coordinator for IMI-BAS – Radoslav Pavlov

Status of the project: completed (2010-2013)

Financing organization: EC

Type of the competition and year: Lifelong Learning Programme

Number or acronym of the project: ETN FETCH

Title: Future Education and Training in Computing: How to support learning at anytime anywhere

Project coordinator: Coordinator for IMI-BAS – Radoslav Pavlov

Status of the project: running (2013-2016)

Number of citations of the scientific publications: 1742

Number of scientific publications in the last five years: 37

From them with impact factor or impact rang: 10

Number of citations of the scientific publications in the last five years: 550