

Europass Curriculum Vitae



Personal information

First name / Surname	Valentina Terzieva
Address	Bl. 2, Acad. G. Bonchev Str., 1113 Sofia, Bulgaria
Telephone	(+359 2) 872-0132 ext. 126, 122
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E-mail	valia@isdip.bas.bg
Nationality	Bulgarian
Gender	Female

Work experience

Dates	From July 2010 till now
Occupation or position held	Assistant Professor
Main activities and responsibilities	Scientific research and development of applications in the field of computer and communication systems.
Name and address of employer	Institute of Information and Communication Technologies, Bulgarian Academy of Sciences Bl.2, Acad. G. Bonchev Str., 1113 Sofia, Bulgaria
Type of business or sector	Research and Development
Dates	From 1996 to June 2010
Occupation or position held	Associated Research 1 st degree (2006-2010), Associated Research 2 nd degree (2000-2006), Programmer (1996- 2000)
Main activities and responsibilities	Scientific research and development of applications in the field of computer and communication systems.
Name and address of employer	Institute of Computer and Communication Systems, Bulgarian Academy of Sciences Bl.2, Acad. G. Bonchev Str., 1113 Sofia, Bulgaria
Type of business or sector	Research and Development
Dates	From 1989 to 1990
Occupation or position held	Associated Research 3 rd degree
Main activities and responsibilities	Research and development of software applications for database management systems
Name and address of employer	Technological Institute Automated Control System
Type of business or sector	Research and Development

Education and training

Dates	1988
Title of qualification awarded	engineer
Occupational skills covered	Electronics and Automation
Name and type of organisation providing education and training	Higher Institute of Machine and Electrical Engineering (Technical University) - Sofia
Level in national or international classification	Master of Science

Personal skills and competences

Mother tongue
Other languages
Self-assessment
European level (*)

English

Russian

Bulgarian
English, Russian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	B1	Independent user

(*) [Common European Framework of Reference for Languages](#)

Computer skills and competences

MS Windows, MS Office, MS Class Server, Open Office, Adobe Acrobat Professional, basic skills in C, C++, HTML, Databases.

Other skills and competences

second major in Pedagogy - Faculty of Public professions in Higher Institute of Machine and Electrical Engineering (Technical University) - Sofia

Driving licence

Yes / B, M

Publications

Selected papers:

- Ivanova, T., R. Andreev, **V. Terzieva**, Integration of Ontology with Development of Personalized E-Learning Facilities for Dyslexics. In: D. Dicheva and D. Dochev (Eds.): AIMSA 2010, LNAI 6304, pp. 265–266, Springer, Heidelberg, 2010, ISBN 978-3-642-15430-0.
- Ivanova, T., **V. Terzieva**, R. Andreev, Ontology-based Recommendation System for Personalized Education of Dyslexics to Read, Proceedings of International Conference on Software, Services & Semantic Technologies S3T 2010, September 11–12, 2010, Varna, Bulgaria, pp. 68–72, ISBN 978-954-9526-71-4.
- Ivanova T., **V. Terzieva**, Ontology Mapping Tools, Methods and Approaches – Analytical Survey, Proceedings of International Conference on Software, Services & Semantic Technologies S3T 2010, September 11–12, 2010, Varna, Bulgaria, pp. 137–141, ISBN 978-954-9526-71-4.
- Kademova-Katzarova P., Andreev R., **V. Terzieva**, An Adaptable E-Learning System for Pupils with Specific Learning Difficulties, Proceedings of 55th International Scientific Colloquium (IWK), Technische Universität Ilmenau, September 13–17, 2010, Ilmenau, Germany, pp. 549–554, ISBN 978-3-938843-53-6.
- Terzieva V.**, P. Kademova-Katzarova, R. Andreev, E-Learning in Support of Learning Difficulties, Proceedings of International Conference Automatics and Informatics'10, October 3–7, 2010, Sofia, Bulgaria, pp. I-323 – I-326, ISSN 1313-1850.
- 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, vol. 433, New York (2009); Proceedings of the International Conference on Computer Systems and Technologies CompSysTech'09, June 18-19, 2009, Ruse, pp. IV.13-1–IV.13-6, ISSN 1313-8936.
- 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, ISSN 1313-1850.
- 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, ISSN 1313-2210. (in Bulgarian)
- 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, ISSN 1313-2210. (in Bulgarian)
- 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, ISSN 1313-2210. (in Bulgarian)

Publications

11. Andreev R., N. Troyanova, **V. Terzieva**, A Framework for E-learning Engineering, Proceedings of the IV International Scientific Conference Computer Science'08, September 18–19, 2008, Kavala, Greece, pp. 768–773, ISBN 978-954-580-256-0.
12. **Terzieva V.**, K. Todorova, A Realization of Web-based System Supporting Collaboration between Teachers, Proceedings of the IV International Scientific Conference Computer Science'08, September 18-19, 2008, Kavala, Greece, pp. 774–779, ISBN 978-954-580-256-0.
13. **Terzieva V.**, K. Todorova, R. Andreev, An Approach to Computer-Supported Cooperative Work of Teachers, Proceedings of the IV International Scientific Conference Computer Science'08, September 18-19, 2008, Kavala, Greece, pp. 908–913, ISBN 978-954-580-256-0.
14. Ivanova T., **V. Terzieva**, An Approach to Collaboration to Usage of Learning Resources, Based on Ontology, Proceedings of the ICCS-BAS, Vol. 2, No. 2, 2008, pp. 76–84, ISSN 1313-2210. (in Bulgarian)
15. **Terzieva V.**, P. Kademova-Katzarova, Conceptual Model of E-Learning System for Dyslexic Children, Proceedings of the ICCS-BAS, Vol. 2, No. 2, 2008, pp. 67-75, ISSN 1313-2210. (in Bulgarian)
16. **Terzieva V.**, Y. Pavlov, R. Andreev, E-Learning Usability: A Learner-Adapted Approach based on the Evaluation of Learner's Preferences. Communication and Cognition, Gent, Belgium, Vol. 40, 2007, No. 1/2, pp. 77–94, ISSN 0378-0880.
17. **Terzieva V.**, K. Todorova, Using MS Reporting Services to Promote Reuse of Learning Objects, Proceedings of CompSysTech'07, Rousse, Bulgaria, June 14-15, 2007, pp. IV.12-1 – IV.12-6, ISBN 978-954-9641-50-9.
18. **Terzieva V.**, K. Todorova, R. Andreev, An Approach to Implementation of Learning Management System Based on MS Class Server and MS Reporting Server. Proceedings of International Conference on Information Technologies (InfoTech-2007), September 21–23, 2007, St. St. Constantine and Elena, Bulgaria, Vol. 1, pp. 115–122, ISBN 978-954-9518-42-9.
19. Fleischer A., Andreev R., Y. Pavlov, **V. Terzieva**, An Approach to Personalized Learning: A Technique of Estimation of Learner's Preferences. Proceedings of 52nd Internationales Wissenschaftliches Kolloquium Technische Universität Ilmenau, Germany, September 10–13, 2007, Vol. II, pp. 485–490, ISBN 978-3-939473-17-6.
20. **Terzieva V.**, K. Todorova, An Approach to Discovery of an Appropriate Learning Resource by Means of Metadata, Proceedings of the ICCS-BAS, Vol. 1, No. 1, 2007, pp. 100–107, ISSN 1313-2210. (in Bulgarian)
21. Todorova K., **V. Terzieva**, Conceptual Model of Distributed System for Access to the Information Resources of ICCS, Proceedings of the ICCS-BAS, Vol. 1, No. 1, 2007, pp. 1–7, ISSN 1313-2210. (in Bulgarian)
22. Ivanova T., **V. Terzieva**, An Approaches to Searching for Learning Resources, Proceedings of the ICCS-BAS, Vol. 1, No. 1, 2007, pp. 108–115, ISSN 1313-2210. (in Bulgarian)
23. **Terzieva V.**, Aspects in E-Learning Usability: Learning Resources, Proceedings of International Scientific Conference Computer Science'2006, October 12-16, 2006, Istanbul, Turkey, pp. 119–124.
24. Pavlov Y., R. Andreev, **V. Terzieva**, Preferences Function Modelling and Stochastic Approximation. Application to User Adaptive Computer Systems and Control Theory, Proceedings of International Conference "Automatics and Informatics'06, October 3–6, 2006, Sofia, Bulgaria, pp. 233–236, ISBN 978-954-9641-48-6.
25. Andreev R., **V. Terzieva**, N. Troyanova, An Intelligent E-Learning Environment Supported by a Communication Agent, Proceedings of 20th International Conference SAER-2006, St. St. Constantine and Elena, Bulgaria, September 21–24, 2006, pp. 248–253, ISBN 954-438-575-4.
26. **Terzieva V.**, Y. Pavlov, R. Andreev, E-Learning Usability: An Mathematical Approach to the Estimation of Learners, Proceedings of CompSysTech'06, Veliko Tarnovo, Bulgaria, June 15–16, 2006, pp. IV.6-1 – IV.6-6, ISBN 978-954-9641-46-2.
27. **Terzieva V.**, K. Todorova, About Creating Reusable Learning Objects in Web-based Learning Environment, Proceedings of Electronics ET'2005, Sozopol, Bulgaria, September 21–23, 2005, pp. 23–28, ISBN 954-438-518-5.

Additional information

Member of Bulgarian Union of Automation and Informatics