§76 ods. 10 zákona č. 131/2002 Z.z. o vysokých školách	Habilitačné konanie
Meno a priezvisko, rodné priezvisko, titul	Marián Šimko, rod. Šimko
Akademické tituly, vedecko-pedagogické tituly, umelecko-pedagogické tituly, vedecké hodnosti	Ing., PhD.
Rok narodenia	1983
Údaje o vysokoškolskom vzdelaní, ďalšom akademickom raste a absolvovanom ďalšom vzdelávaní	2008–2012 Doktor filozofie (PhD.) Fakulta informatiky a informačných technológií STU v Bratislave Ilkovičova 2, 842 16 Bratislava (Slovensko) www.fiit.stuba.sk Študijný program: Programové systémy Cena rektora STU v Bratislave za doktorandské štúdium 2006–2008 Inžinier (Ing.), s vyznamenaním (magna cum laude) Fakulta informatiky a informačných technológií STU v Bratislave Ilkovičova 2, 84216 Bratislava (Slovensko) www.fiit.stuba.sk Študijný program: Softvérové inžinierstvo Cena dekana FIIT STU v Bratislave za inžinierske štúdium 2002–2006 Bakalár (Bc.) Fakulta informatiky a informačných technológií STU v Bratislave Ilkovičova 2, 842 16 Bratislava (Slovensko) www.fiit.stuba.sk Študijný program: Informatika
Ďalšie vzdelávanie	2015 Zimná škola PARSEME 2015 Zameranie na spracovanie jazyka s dôrazom na viacslovné výrazy (MWE) v rámci projektu interdisciplinárnej siete PARSME, IC1207 COST Action. 2010 Letná škola Reasoning Web 2010 Zameranie na Web so sémantikou a automatizované spracovávanie informácií. 2004–2007 CISCO Networking Academy Certifikát CCNA (CISCO Certified Network Associate)
Údaje o priebehu zamestnaní a priebehu pedagogickej činnosti (pracovisko/predmety)	12/2015 – súčasnosť Prodekan pre inžiniersky stupeň štúdia a spoluprácu s absolventmi Fakulta informatiky a informačných technológií STU v Bratislave 07/2012 – súčasnosť Vysokoškolský učiteľ (odborný asistent) + výskumný pracovník

	Fakulta informatiky a informačných technológií STU v Bratislave
	10/2008 – 06/2012
	Výskumný pracovník
	Fakulta informatiky a informačných technológií STU v Bratislave
	03/2008–08/2009
	Java programátor
	Anasoft, s.r.o. Mlynská dolina 41, 811 02 Bratislava (Slovensko) www.anasoft.com
	Vývoj webových aplikácií v programovacom jazyku Java

Priebeh pedagogickej činnosti (pracovisko/predmety)	Fakulta informatiky a informačných technológií STU v Bratislave: Prednášajúci a cvičiaci 1. Manažment v softvérovom inžinierstve / Manažment v informačných systémoch (ak. rok 2013/14 – súčasnosť) Cvičiaci 2. Webové publikovanie (ak. rok 2008/09 – súčasnosť) 3. Princípy softvérového inžinierstva (ak. rok 2011/12 – súčasnosť) 4. Manažment projektov softvérových a informačných systémov (ak. roky 2008/09 – 2012/13) 5. Tímový projekt (ak. roky 2011/12, 2014/15) 6. Procedurálne programovanie / Základy procedurálneho programovania (ak. roky 2010/11, 2012/13, 2013/14) Sumár vedenia záverečných prác
	• Spolu úspešne vedených bakalárskych prác: 15
	  - z toho prác s publikovaním vedeckých výstupov na konferencii/v časopise (kat. A/B): 5
	• Spolu úspešne vedených diplomových prác: 19
	  - z toho prác s publikovaním vedeckých výstupov na konferencii/v časopise (kat. A/B): 10

Odborné alebo umelecké zameranie	Odborné záujmy:
	• extrakcia informácií, spracovanie prirodzeného jazyka
	• doménové modelovanie, modelovanie používateľa, web so sémantikou, prispôsobovanie
	• spracovanie informácií, filtrovanie informácií, technológiami rozšírené vzdelávanie
	
	Sumár ďalšej odbornej činnosti:
	• Riešiteľ 2 medzinárodných a 11 národných projektov
	  • Špeciálna Cena Ministra školstva, vedy, výskumu a športu SR za projekt ALEF
	• Posudzovateľ príspevkov na medzinárodných konferenciách (8) a časopisoch (4)
	• Člen v programových výboroch medzinárodných konferencií (5)
	• Členstvo v organizáciách:
	  • člen profesijnej organizácie ACM (od r. 2013)
	  • člen výskumnej skupiny PeWe (od r. 2006)

Publikačná činnosť vrátane rozsahu (autorské hárky) a kategórie evidencie (napr. AAB, podľa vyhlášky MŠVVaŠ SR e. 456/2012 Z. z.)	Sumárna štatistika podľa kategórie publikačnej činnosti: ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách 2 ADC Vedecké práce v zahraničných karentovaných časopisoch 3 ADF Vedecké práce v ostatných domácich časopisoch 2

1. monografia	AEC	Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách	4
2. učebnica	AED	Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách	4
3. skriptá	AFA	Publikované pozvané príspevky na zahraničných vedeckých konferenciách	1
	AFB	Publikované pozvané príspevky na domácich vedeckých konferenciách	1
	AFC	Publikované príspevky na zahraničných vedeckých konferenciách	25
	AFD	Publikované príspevky na domácich vedeckých konferenciách	13
	AFK	Postery zo zahraničných konferencií	1
	FAI	Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...)	4
	GHG	Práce zverejnené na internete	1
	Súčet		*61*

Sumárna štatistika podľa kategorizácie publikácií A/B/C:

Kategória A	4
Kategória B	21
Kategória C	9
Ostatné	27
Súčet	*61*

Učebný text:
Jakub Šimko, Marián Šimko a Mária Bieliková: Softvérové inžinierstvo v otázkach a odpovediach (v recenznom konaní). Podiel 40% ~ 4.5 autorských hárkov.

Vedecké publikácie:

ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách

ABD01   HABUDOVÁ, Nikoleta - KIŠAC, Ivan - KUZÁR, Tomáš - MEDERLY, Pavol - ŠIMKO, Marián - TVAROŽEK, Jozef. Návrhové vzory. In *Štúdie vybraných tém programových a informačných systémov 4 : Pokročilé metódy navrhovania softvéru. Pokročilé metódy získavania, vyhľadávania, reprezentácie a prezentácie informácií.* 1. vyd. Bratislava : STU, 2009, s.3-35. ISBN 978-80-227-3139-3.
[Vnútrofakultná kategória: I*D]

ABD02   HABUDOVÁ, Nikoleta - KUZÁR, Tomáš - MEDERLY, Pavol - ŠIMKO, Marián - TVAROŽEK, Jozef - KAPUSTÍK, Ivan. Softvérové súčiastky. In *Štúdie vybraných tém programových a informačných systémov 4 : Pokročilé metódy navrhovania softvéru. Pokročilé metódy získavania, vyhľadávania, reprezentácie a prezentácie informácií.* 1. vyd. Bratislava : STU, 2009, s.37-72. ISBN 978-80-227-3139-3.
[Vnútrofakultná kategória: I*D]

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01   BARLA , Michal - BIELIKOVÁ, Mária - BOU EZZEDDINE, Anna - KRAMÁR, Tomáš - ŠIMKO, Marián - VOZÁR, Oto. On the impact of adaptive test question selection for learning efficiency. In *Computers & Education*. Vol.55, Iss. 2 (2010), s.846-857. ISSN 0360-1315. V databáze: WOS: 000279137800037 ; SCOPUS: stu_scopus*77953133955 ; CC.
[Vnútrofakultná kategória: I*A]

ADC02   KORENEK, Peter - ŠIMKO, Marián. Sentiment analysis on microblog utilizing appraisal theory. In *World Wide Web*. Vol. 17, Iss. 4 (2014), s. 847-867. ISSN 1573-1413. V databáze: SCOPUS: stu_scopus*84902362086 ; WOS: 000337163500019.
[Vnútrofakultná kategória: I*A]

ADC03   VRABLECOVÁ, Petra - ŠIMKO, Marián. Supporting Semantic Annotation of Educational Content by Automatic Extraction of Hierarchical Domain Relationships. IEEE Transactions on Learning Technologies. Online First. In press (2016)
[Vnútrofakultná kategória: I*A] (Očakávaná)

ADF Vedecké práce v ostatných domácich časopisoch

ADF01   ŠIMKO, Marián. Automated Acquisition of Domain Model for Adaptive Collaborative Web-Based Learning. In *Information Sciences and Technologies. Bulletin of the ACM Slovakia*. Vol. 4, No. 2 (2012), s.1-9. ISSN 1338-1237.
[Vnútrofakultná kategória: I*C]

ADF02   ŠIMKO, Marián. Automated Domain Model Creation for Adaptive Social Educational Environments. In *Information Sciences and Technologies. Bulletin of the ACM Slovakia*. s.119-121. ISSN 1338-1237.
[Vnútrofakultná kategória: I*C]

AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách

AEC01   BIELIKOVÁ, Mária - ŠIMKO, Marián - BARLA , Michal - TVAROŽEK, Jozef - LABAJ, Martin - MÓRO, Róbert - SRBA, Ivan - ŠEVCECH, Jakub. ALEF: from application to platform for adaptive collaborative learning. In *Recommender systems for technology enhanced learning : research trends and applications*. 1. vyd. New York : Springer, 2014, s. 195-225. ISBN 978-1-4939-0530-0. V databáze: SCOPUS: 2-s2.0-84956529085.
[Vnútrofakultná kategória: I*B]

AEC02   ŠIMKO, Marián - BIELIKOVÁ, Mária. Automated Educational Course Metadata Generation Based on Semantics Discovery. In *Vol. 5794 Learning in the Synergy of Multiple Disciplines : 4th European Conference on Technology Enhanced Learning, EC-TEL 2009 Nice, France, September 29-October 2, 2009 Proceedings*. Berlin : Springer, 2009, s.99-105. ISBN 3-642-04635-5. V databáze: WOS: 000272585900011 ; SCOPUS: 2-s2.0-70450220382.
[Vnútrofakultná kategória: I*B]

AEC03   ŠIMKO, Marián - BIELIKOVÁ, Mária. User Modeling Based on Emergent Domain Semantics. In *Lecture Notes in Computer Science : 18 th International Conference, UMAP 2010 Big Island, HI, USA, June 20-24, 2010 Proceedings*. Vol. 6075 User Modeling, Adaptation, and Personalization (2010), s.411-414. ISSN 0302-9743. V databáze: WOS: 000279499600040 ; SCOPUS: 2-s2.0-77954590218.
[Vnútrofakultná kategória: I*B]

AEC04   ŠIMKO, Marián - BARLA , Michal - BIELIKOVÁ, Mária. ALEF: A Framework for Adaptive Web-Based Learning 2.0. In *IFIP Advances in Information and Communication Technology : Held as Part of WCC 2010, Brisbane, Australia, September 20-*

23, 2010. Vol. 324 Key Competencies in the Knowledge Society, IFIP TC3 international Conference, KCKS 2010 (2010), s.367-378. ISSN 1868-4238. V databáze: WOS: 000306343100036 ; SCOPUS: 2-s2.0-84925843436.
[Vnútrofakultná kategória: I*A]

AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách

AED01　BIELIKOVÁ, Mária - BARLA , Michal - ŠIMKO, Marián. Lightweight semantics modeling and acquisition for the "wild web". In *Cognitive traveling in digital space of the web and digital libraries : yield of the interdisciplinary multi-partner project TraDice.* 1. vyd. Bratislava : Nakladateľstvo STU, 2014, s. 10-13. ISBN 978-80-227-4254-2.
[Vnútrofakultná kategória: I*D]

AED02　KIŠAC, Ivan - ŠIMKO, Marián. Rámce. In *Štúdie vybraných tém programových a informačných systémov 4 : Pokročilé metódy navrhovania softvéru. Pokročilé metódy získavania, vyhľadávania, reprezentácie a prezentácie informácií.* 1. vyd. Bratislava : STU, 2009, s.115-127. ISBN 978-80-227-3139-3.
[Vnútrofakultná kategória: I*D]

AED03　ŠIMKO, Marián. Advanced information sources for user modelling. In *Cognitive traveling in digital space of the web and digital libraries : yield of the interdisciplinary multi-partner project TraDice.* 1. vyd. Bratislava : Nakladateľstvo STU, 2014, s. 109-110. ISBN 978-80-227-4254-2.
[Vnútrofakultná kategória: I*D]

AED04　ŠIMKO, Marián. Domain modelling in socially aware information spaces. In *Cognitive traveling in digital space of the web and digital libraries : yield of the interdisciplinary multi-partner project TraDice.* 1. vyd. Bratislava : Nakladateľstvo STU, 2014, s. 106-108. ISBN 978-80-227-4254-2.
[Vnútrofakultná kategória: I*D]

AFA Publikované pozvané príspevky na zahraničných vedeckých konferenciách

AFA01　BIELIKOVÁ, Mária - BARLA , Michal - ŠIMKO, Marián. Lightweight Semantics for the "Wild Web". In *WWW/Internet 2011 : Proceedings of the IADIS International Conference.* [s. l.] : IADIS Press, 2011, s.xxv-xxxii. ISBN 978-989-8533-01-2. V databáze: SCOPUS: 2-s2.0-84945574945.
[Vnútrofakultná kategória: I*C]

AFB Publikované pozvané príspevky na domácich vedeckých konferenciách

AFB01　BIELIKOVÁ, Mária - ŠIMKO, Marián - BARLA , Michal. Personalized Web-Based Learning 2.0. In *ICETA 2010 : 8th International Conference on Emerging eLearning Technologies and Applications. Stará Lesná, Slovakia, 28.-29.10.2010.* Košice : Elfa, 2010, s.CD ROM. ISBN 978-80-8086-166-7.
[Vnútrofakultná kategória: I*C]

AFC Publikované príspevky na zahraničných vedeckých konferenciách

AFC01　BIELIKOVÁ, Mária - ŠIMKO, Marián - BARLA , Michal - CHUDÁ, Daniela - MICHLÍK, Pavel - LABAJ, Martin - MIHÁL, Vladimír - UNČÍK, Maroš. ALEF: Web 2.0 Principles

		in Learning and Collaboration. In *e-Learning´10, Proceedings of the International Conference on e-Learning and the Knowledge Society 26 - 27.8.2010 Riga, Latvia*. Riga : Riga Technical University, 2010, s.54-59. ISBN 978-9984-30-181-5. [Vnútrofakultná kategória: I*C]
	AFC02	GALLAY, Ladislav - ŠIMKO, Marián. Utilizing Vector Models for Automatic Text Lemmatization. In *SOFSEM 2016: Theory and Practice of Computer Science : 42nd International Conference on Current Trends in Theory and Practice of Computer Science, Harrachov, Czech Republic, January 23-28, 2016, Proceedings*. 1. vyd. Berlin : Springer, 2016, S. 532-543. ISBN 978-3-662-49192-8. V databáze: SCOPUS: 2-s2.0-84956602228. [Vnútrofakultná kategória: I*B]
	AFC03	HARINEK, Jozef - ŠIMKO, Marián. Improving Term Extraction by utilizing User Annotations. In *DocEng' 13 [elektronický zdroj] : Proceedings of the 2013 ACM Symposium on Document Engineering September 10-13, 2013 Florence, Italy*. New York : ACM, 2013, s.online, p. 185-188. ISBN 978-1-4503-1789-4. V databáze: SCOPUS: 2-s2.0-84887385590. [Vnútrofakultná kategória: I*B]
	AFC04	HORVÁTH, Róbert - ŠIMKO, Marián. Enriching the Web for Vocabulary Learning. In *Scaling up Learning for Sustained Impact : 8th European Conference, on Technology Enhanced Learning, EC-TEL 2013, Paphos, Cyprus, September 17-21, 2013. Proceedings*. 1. vyd. New York : Springer, 2013, s.609-610. ISBN 978-3-642-40813-7. V databáze: SCOPUS: 2-s2.0-84883427934 ; WOS: 000345099500075. [Vnútrofakultná kategória: I*B]
	AFC05	KANTA, Marcel - ŠIMKO, Marián - BIELIKOVÁ, Mária. Trend-Aware User Modeling with Location-Aware Trends on Twitter. In *SMAP 2012 : Proceedings of the 2012 Seventh International Workshop Semantic and Social Media Adaptation and Personalization, 3-4 December 2012 Luxembourg, Luxembourg*. Los Alamitos : IEEE Computer Society, 2012, s.23-28. ISBN 978-0-7695-4887-6. V databáze: WOS: 000320931700004 ; SCOPUS: 2-s2.0-84873328190. [Vnútrofakultná kategória: I*B]
	AFC06	KOŠÚT, Matúš - ŠIMKO, Marián. Improving Keyword Extraction from Movie Subtitles by Utilizing Temporal Properties. In *SOFSEM 2016: Theory and Practice of Computer Science : 42nd International Conference on Current Trends in Theory and Practice of Computer Science, Harrachov, Czech Republic, January 23-28, 2016, Proceedings*. 1. vyd. Berlin : Springer, 2016, S. 544-555. ISBN 978-3-662-49192-8. [Vnútrofakultná kategória: I*B]
	AFC07	LABAJ, Martin - ŠIMKO, Marián - TVAROŽEK, Jozef - BIELIKOVÁ, Mária. Integrated environment for learning programming. In *EC-TEL 2014 : open learning and teaching in educational communities; 9th European conference on technology enhanced learning, September 16-19, 2014 Graz, Austria. Proceedings*. 1. vyd. Cham : Springer, 2014, s. 498-501. ISBN 978-3-319-11199-5. V databáze: WOS:

000345505800050 ; SCOPUS: 2-s2.0-84906337359.
[Vnútrofakultná kategória: I*B]

	AFC08	LUČANSKÝ, Milan - ŠIMKO, Marián - BIELIKOVÁ, Mária. Enhancing Automatic Term Recognition Algorithms with HTML Tags Processing. In *CompSysTech´11, Proceedings of the 12th International Conference on Computer Systems and Technologies Vienna, Austria, June 16-17, 2011*. New York : ACM Press, 2011, s.173-178. ISBN 978-1-4503-0917-2. V databáze: SCOPUS: 2-s2.0-80052799585. [Vnútrofakultná kategória: I*B]
	AFC09	LUČANSKÝ, Milan - ŠIMKO, Marián. Improving relevance of keyword extraction from the web utilizing style information. In *Lecture Notes in Computer Science : 39th International conference on current trends in theory and practice of computer science Špindlerův Mlýn, Czech Republic, January 26-31, 2013. Proceedings*. s.445-456. ISSN 0302-9743. V databáze: SCOPUS. [Vnútrofakultná kategória: I*B]
	AFC10	MAJER, Tomáš - ŠIMKO, Marián. Leveraging Microblogs for Resource Ranking. In *Lecture Notes in Computer Science : 38th Conference on Current Trends in Theory and Practice of Computer Science Špindlerův Mlýn, Czech Republic, January 21-27, 2012 Proceedings*. s.518-529. ISSN 0302-9743. V databáze: WOS: 000307258500042 ; SCOPUS: 2-s2.0-84856062496. [Vnútrofakultná kategória: I*B]
	AFC11	MÓRO, Róbert - SRBA, Ivan - UNČÍK, Maroš - BIELIKOVÁ, Mária - ŠIMKO, Marián. Towards Collaborative Metadata Enrichment for Adaptive Web-Based Learning. In *IAT 2011. Proceedings 2011 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology - Workshops, 22-27 August 2011, Lyon, France : WI-IAT Workshops 2011*. Los Alamitos : IEEE Computer Society, 2011, s.106-109. ISBN 978-0-7695-4513-4. V databáze: SCOPUS: 2-s2.0-80155126070. [Vnútrofakultná kategória: I*B]
	AFC12	SVRČEK, Martin - ŠIMKO, Marián. Supporting Educational Content Enrichment and Learning via Student-Created Definitions. In *New horizons in web based learning : ICWL 2014 international workshops, SPeL, PRASAE, IWMPL, OBIE, and KMEL, FET, Tallinn, Estonia, August 14-17, 2014*. 1. vyd. Cham : Springer, 2014, s. 44-54. ISBN 978-3-319-13296-9 (online). V databáze: SCOPUS: 2-s2.0-84917706344 ; WOS: 000354703900005. [Vnútrofakultná kategória: I*B]
	AFC13	ŠIMKO, Jakub - ŠIMKO, Marián - LABAJ, Martin - BIELIKOVÁ, Mária. Vzdelávacie objekty typu otázka-odpoveď: kolaboratívna validácia davu študentov. In *ZNALOSTI 2012 : Sborník příspěvků 11 ročníku konference, Mikulov, hotel Eliška 14.-16. 10. 2012*. Praha : Matfyzpress, 2012, s.11-20. ISBN 978-80-7378-220-7. [Vnútrofakultná kategória: I*D]
	AFC14	ŠIMKO, Jakub - ŠIMKO, Marián - BIELIKOVÁ, Mária - ŠEVCECH, Jakub - BURGER, Roman. Classsourcing: Crowd-Based Validation of Question-Answer Learning Objects. In

Lecture Notes in Artificial Intelligence : 5th International Conference, ICCCI 2013 Craiova, Romania, September 11-13, 2013 Proceedings. s.62-71. ISSN 0302-9743. V databáze: WOS: 000333642900007 ; SCOPUS: 2-s2.0-84892932085.
[Vnútrofakultná kategória: I*B]

AFC15   ŠIMKO, Marián - BIELIKOVÁ, Mária. Automatic Concept Relationships Discovery for an Adaptive E-course. In *EDM´09. Educational Data Mining 2009 : 2nd International Conference On Educational Data Mining, Cordoba, Spain, July 1-3, 2009.* Cordoba, 2009, 2009), s.171-179. ISBN 978-84-613-2308-1. V databáze: SCOPUS: 2-s2.0-70450130928.
[Vnútrofakultná kategória: I*C]

AFC16   ŠIMKO, Marián - BIELIKOVÁ, Mária. Improving Search Results with Lightweight Semantic Search. In *SemSearch 2009 : Semantic Search 2009 Workshop, located at the 18th Int. World Wide Web Conference WWW 2009, Madrid, Spain, 21st April 2009.* [S. l.] : CEUR-WS, 2009, S. 53-54. V databáze: SCOPUS: 2-s2.0-84873977519.
[Vnútrofakultná kategória: I*C]

AFC17   ŠIMKO, Marián - BIELIKOVÁ, Mária. Automatizované získavanie metadát výučbového obsahu a vzťahov medzi konceptmi. In *Znalosti 2009 : 8. ročník konferencie, Brno 4.-6.februára 2009. Zborník príspevkov.* Bratislava : Vydavateľstvo STU, 2009, s.246-257. ISBN 978-80-227-3015-0.
[Vnútrofakultná kategória: I*D]

AFC18   ŠIMKO, Marián. E-Course Authoring: Method for Automated Metadata Generation. In *CZ ACM Student Research Competition 2008 : 6th Student Research Competition in Informatics and Information Technologies, Prague, November 27, 2008, Proceedings of Finalists Papers.* Praha : ČVUT, 2008, s.49-56. ISBN 978-80-01-04205-2.
[Vnútrofakultná kategória: I*D]

AFC19   ŠIMKO, Marián - BARLA , Michal - MIHÁL, Vladimír - UNČÍK, Maroš - BIELIKOVÁ, Mária. Supporting Collaborative Web-Based Education via Annotations. In *ED-MEDIA 2011. World Conference on Educational Multimedia, Hypermedia & Telecommunications Proceedings, Lisbon, Portugal June 27, 2011 AACE.* Chesapeake : Association for the Advancement of Computing in Education, 2011, s.2576-2585. ISBN 1-880094-8904.
[Vnútrofakultná kategória: I*C]

AFC20   ŠIMKO, Marián - BIELIKOVÁ, Mária. Discovering Hierarchical Relationships in Educational Content. In *Lecture Notes in Computer Science : 11th International Conference Sinaia, Romania, September 2-4, 2012 Proceedings.* s.132-141. ISSN 0302-9743. V databáze: SCOPUS: 2-s2.0-84866050000.
[Vnútrofakultná kategória: I*B]

AFC21   ŠIMKO, Marián - FRANTA, Martin - HABDÁK, Martin - VRABLECOVÁ, Petra. Managing Content, Metadata and User-Created Annotations in Web-Based Applications. In *DocEng' 13 [elektronický zdroj] : Proceedings of the 2013 ACM Symposium on Document Engineering September 10-13, 2013 Florence, Italy.* New York : ACM, 2013, online, s. 201-204. ISBN 978-1-

4503-1789-4. V databáze: SCOPUS.
[Vnútrofakultná kategória: I*B]

AFC22   UHERČÍK, Tomáš - ŠIMKO, Marián - BIELIKOVÁ, Mária. Utilizing microblogs for web page relevant term acquisition. In *Lecture Notes in Computer Science : 39th International conference on current trends in theory and practice of computer science Špindlerův Mlýn, Czech Republic, January 26-31, 2013. Proceedings*. s.457-468. ISSN 0302-9743. V databáze: SCOPUS: 2-s2.0-84872527657. [Vnútrofakultná kategória: I*B]

AFC23   LOEBL, Jaroslav - ŠIMKO, Marián. Real-World Dependency Parsing of Slovak Text. In The Tenth Int. Conf. on Natural Language Processing, HrTAL2016. Springer, Accepted (2016). [Vnútrofakultná kategória: I*B] (Očakávaná)

AFC 24   PIKULIAK, Matúš - ŠIMKO, Marián. Towards Relationship Extraction from Text Using Word Embeddings. In The Tenth Int. Conf. on Natural Language Processing, HrTAL2016. Springer, Accepted (2016). [Vnútrofakultná kategória: I*B] (Očakávaná)

AFC 25   KLOSKA, Matej - ŠIMKO, Marián. Towards Efficient Concept Map Authoring for Capturing Document Semantics. In 11th Int. Workshop on Semantic Media Adaptation and Personalization, SMAP 2016. IEEE, Accepted (2016). [Vnútrofakultná kategória: I*B] (Očakávaná)

AFD Publikované príspevky na domácich vedeckých konferenciách

AFD01   LUČANSKÝ, Milan - ŠIMKO, Marián. Dokážu značky HTML zlepšiť výsledky algoritmov na automatické rozpoznávanie kľúčových slov vo webovom obsahu? In *Znalosti 2011 : 10. ročník konferencie, Stará Lesná, Vysoké Tatry, 31. ledna - 2.února 2011. Sborník příspěvků*. Ostrava : Fakulta elektrotechniky a informatiky, VŠB - Technical University of Ostrava, 2011, s.287-290. ISBN 978-80-248-2369-0. [Vnútrofakultná kategória: I*D]

AFD02   BIELIKOVÁ, Mária - NÁVRAT, Pavol - BARLA , Michal - POLÁŠEK, Ivan - CHUDÁ, Daniela - TVAROŽEK, Jozef - ŠIMKO, Marián - ŠIMKO, Jakub - KRAMÁR, Tomáš - HOLUB, Michal - JURČÍK, Peter - KAPUSTÍK, Ivan - KOMPAN, Michal - KOSKOVÁ, Gabriela - KUČEČKA, Tomáš - KURIC, Eduard - LABAJ, Martin - LACKO, Peter - LANG, Ján - MEDERLY, Pavol - RÁSTOČNÝ, Karol - ROZINAJOVÁ, Viera - ŠELMECI, Roman - TOMLEIN, Michal - TVAROŽEK, Michal - VRANIĆ, Valentino - ZELENÍK, Dušan - UHLÁR, Marek - ČERNÍK, Andrej - RUTTKAY-NEDECKÝ, Ivan - RUTTKAY-NEDECKÝ, Peter - TÓTH, Tomáš. *PerConIK - Personalized Conveying of Information and Knowledge : Research Project Workshop Smolenice, Slovakia November 21, 2012*. 1. vyd. Bratislava : Nakladateľstvo STU, 2012. 295 s. ISBN 978-80-227-3813-2. [Vnútrofakultná kategória: I*D]

AFD03   NÁVRAT, Pavol - ŠIMKO, Marián - TVAROŽEK, Jozef - KOVÁROVÁ, Alena. TraDiCe: cestovanie v digitálnom priestore. In *Znalosti 2014 [elektronický zdroj] : Exhibice, edukace a nacházení expertů. 13. ročník konferencie, Jasná pod Chopkom, Nízke Tatry, 26. - 27. září 2014*. 1. vyd. Praha : Nakladatelství Oeconomica, 2014, online, s. 74-77. ISBN 978-

80-245-2054-4.
[Vnútrofakultná kategória: I*D]

AFD04   ŠAJGALÍK, Márius - ŠIMKO, Marián - BARLA , Michal - BIELIKOVÁ, Mária. Modelovanie významu slov vo vektorovom priestore čŕt. In *WIKT 2014 : 9th workshop on intelligent and knowledge oriented technologies. Proceedings. November 20-21, 2014 Smolenice, Slovakia*. 1. vyd. Bratislava : Nakladateľstvo STU, 2014, s. 13-17. ISBN 978-80-227-4267-2.
[Vnútrofakultná kategória: I*D]

AFD05   ŠIMKO, Marián. Improving Search Results Leveraging Shallow Semantics of Metadata. In *Student Research Conference 2009 : 5th student research conference in informatics and information technologies Bratislava, April 29, 2009. Proceedings.* Bratislava : Nakladateľstvo STU, 2009, s.129-136. ISBN 978-80-227-3052-5.
[Vnútrofakultná kategória: I*D]

AFD06   ŠIMKO, Marián - BIELIKOVÁ, Mária. Zisťovanie vzájomnej podobnosti výučbových konceptov. In *WIKT 2008 Proceedings: 3rd Workshop on Intelligent and Knowledge Oriented Technologies, Smolenice, 6.-7. november 2008.* Bratislava : Nakladateľstvo STU, 2009, s.17-20. ISBN 978-80-227-3027-3.
[Vnútrofakultná kategória: I*D]

AFD07   ŠIMKO, Marián. E-Course Authoring: Method for Automated Metadata Genertion. In *Student Research Conference 2008. 4th Student Research Conference in Informatics and Information Technologies Bratislava, April 30, 2008 : Proceedings in Informatics and Information Technologies* : Nakladateľstvo STU, 2008, s.110-117. ISBN 978-80-227-2848-5.
[Vnútrofakultná kategória: I*D]

AFD08   ŠIMKO, Marián - BIELIKOVÁ, Mária. Vyhľadávanie so sémantikou na webe využitím heterogénnych zdrojov. In *WIKT 2009 Proceedings, 4th Workshop on Intelligent and Knowledge oriented Technologies, November 12-13, 2009, Herľany, Slovakia*. Košice : FEI TU Košice, 2009, s.29-33. ISBN 978-80-89284-42-9.
[Vnútrofakultná kategória: I*D]

AFD09   ŠIMKO, Marián - BARLA , Michal - MICHLÍK, Pavel - LABAJ, Martin - MIHÁL, Vladimír - UNČÍK, Maroš. ALEF: Learning and Collaboration in Web 2.0. In *Student Research Conference 2010. Vol.1. 6th Student Research Conference in Informatics and Information Technologies Bratislava, April 21, 2010 : Proceedings in Informatics and Information Technologies*. Bratislava : Nakladateľstvo STU, 2010, s.138-145. ISBN 978-80-227-3266-6.
[Vnútrofakultná kategória: I*D]

AFD10   ŠIMKO, Marián. Lightweight Semantic Search Based on Heterogeneous of Information. In *Workshop on the Web - Science, Technologies and Engineering : 7th Spring 2010 PeWe Ontožúr Smolenice Castle, Slovakia April 18, 2010 Proceedings*. Bratislava : Nakladateľstvo STU, 2010, s.19-20. ISBN 978-80-227-3274-1.
[Vnútrofakultná kategória: I*D]

AFD11 ŠIMKO, Marián. Hybrid Approach to Automated Domain Model Creation for Adaptive Social Learning System. In *Student Research Conference 2011, Vol. 1 : 7th Student Research Conference in Informatics and Information Technologies Bratislava, May 4, 2011 Proceedings*. Bratislava : Nakladateľstvo STU, 2011, s.177-184. ISBN 978-80-227-3484-4.
[Vnútrofakultná kategória: I*D]

AFD12 ŠIMKO, Marián. Automated Metadata Extraction for Adaptive Social Learning. In *Personalized Web - Science, Technologies and Engineering : 9th Spring 2011 PeWe Workshop Viničné, Galbov Mlyn, Slovakia April 1, 2011 Proceedings*. Bratislava : Nakladateľstvo STU, 2011, s.69-70. ISBN 978-80-227-3485-1.
[Vnútrofakultná kategória: I*D]

AFD13 ŠIMKO, Marián - BIELIKOVÁ, Mária. Automatizované objavovanie hierarchických vzťahov pre sémantický opis výučbového obsahu. In PARALIČ, J..*WIKT 2011 : Proceedings 6th Workshop on Intelligent and Knowledge oriented Technologies, November 24 - 25, 2011 Herľany, Slovakia*. Košice : Technická univerzita, 2011, s.33-38. ISBN 978-80-89284-99-3.
[Vnútrofakultná kategória: I*D]

AFK Postery zo zahraničných konferencií
AFK01 ŠIMKO, Marián - BIELIKOVÁ, Mária. Leveraging Lightweight Semantics for Search Improvement. In *Hypertext 2009, 20th ACM Conference on Hypertext and Hypermedia, June 29 - July 1st, Torino, Italy*. New York : Association for Computing Machinery, 2009, s.nestr.
[Vnútrofakultná kategória: I*C]

FAI Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...)
FAI01 BIELIKOVÁ, Mária (ed.) - ŠIMKO, Marián (ed.). *WIKT 2012 : 7th Workshop on Intelligent and Knowledge Oriented Technologies Proceedings, November 22-23, 2012 Smolenice, Slovakia*. Bratislava : Nakladateľstvo STU, 2012. ISBN 978-80-227-3812-5.
[Vnútrofakultná kategória: I*D]

FAI02 BIELIKOVÁ, Mária (ed.) - NÁVRAT, Pavol (ed.) - BARLA , Michal (ed.) - ŠIMKO, Marián (ed.) - TVAROŽEK, Jozef (ed.). *Personalized Web - Science, Technologies and Engineering : 13th Spring 2013 PeWe Workshop Gabčíkovo, Slovakia April 5, 2013 Proceedings*. 1. vyd. Bratislava : Vydavateľstvo STU, 2013. 129 s. ISBN 978-80-227-3914-6.
[Vnútrofakultná kategória: I*D]

FAI03 BIELIKOVÁ, Mária (ed.) - NÁVRAT, Pavol (ed.) - BARLA , Michal (ed.) - KOMPAN, Michal (ed.) - ŠIMKO, Jakub (ed.) - ŠIMKO, Marián (ed.) - TVAROŽEK, Jozef (ed.). *Personalized web - science, technologies and engineering : 15th spring 2014 PeWe workshop Gabčíkovo, Slovakia March 21, 2014. Proceedings*. 1. vyd. Bratislava : Nakladateľstvo STU, 2014. 137 s. ISBN 978-80-227-4159-0.
[Vnútrofakultná kategória: I*D]

	FAI04 BIELIKOVÁ, Mária (ed.) - NÁVRAT, Pavol (ed.) - BARLA , Michal (ed.) - KOMPAN, Michal (ed.) - ŠIMKO, Jakub (ed.) - ŠIMKO, Marián (ed.) - TVAROŽEK, Jozef (ed.). *Personalized web - science, technologies and engineering*. 1. vyd. Bratislava Nakladateľstvo STU 2015. 149 s. ISBN 978-80-227-4340-2. [Vnútrofakultná kategória: I*D] **GHG Práce zverejnené na internete** GHG01 ŠIMKO, Marián. Automatic Semantics Discovery for an Adaptive Web-based Educational Course. In *Reasoning Web 2010 Summer School, Dresden, Germany*. Dresden, 2010, , s.on-line. [Vnútrofakultná kategória: I*D]

Ohlasy na vedeckú / umeleckú prácu	Sumárna štatistika podľa kategórie ohlasov:
	1 Citácie v zahraničných publikáciách, registrované v citačných indexoch Web of Science a databáze SCOPUS 88
	2 Citácie v domácich publikáciách, registrované v citačných indexoch Web of Science a databáze SCOPUS 2
	3 Citácie v zahraničných publikáciách neregistrované v citačných indexoch 41
	4 Citácie v domácich publikáciách neregistrované v citačných indexoch 20
	Súčet *151*
	
	ADC01 BARLA , Michal - BIELIKOVÁ, Mária - BOU EZZEDDINE, Anna KRAMÁR, Tomáš - ŠIMKO, Marián - VOZÁR, Oto. On the impact of adaptive test question selection for learning efficiency. In *Computers & Education*. Vol.55, Iss. 2 (2010), s.846-857. ISSN 0360-1315. IF 2010 = 2,617, IF 2012 = 2,775, IF 2014 = 2,556. V databáze: WOS: 000279137800037 ; SCOPUS: stu_scopus*77953133955 ; CC. [Vnútrofakultná kategória: I*A].
	    Ohlasy:
	    1. [3] ANTAL, Margit - LEVENTE, E. - ATTILA, Imre. Computerized adaptive testing: implementation issues. In Acta Universitatis Sapientiae, Informatica, 2010, vol. 2, no.2, s.168-183.
	    2. [1] LEE, Y.J. Developing an Efficient Computational Method that Estimates the Ability of Students in a Web-based Learning Environment. In Computers & Education, 2012, vol.58, iss. 1, s.579-589., WOS, SCOPUS
	    3. [1] EKAWIJANA, A. - BASKARA NUGRAHA, I. G. B. - SUPANGKAT, S. H. Adaptive question selection on ladder and snake game. [Los Alamitos] : IEEE, 2013In ICISS 2013 [elektronický zdroj] : Proceedings of International Conference on ICT for Smart Society 2013: "Think Ecosystem Act Convergence", Jakarta,13-14 June, 2013, s.303-306. ISBN 978-1-4799-0145-6., WOS, SCOPUS
	    4. [1] LU, Peng - ZHOU, Dongdai - QIN, Shanshan - CONG, Xiao - ZHONG, Shaochun. The Study of Item Selection Method in CAT. 2012In Communications in Computer and Information Science : 6th International Symposium, ISICA 2012 Wuhan, China, October 27-28, 2012 Proceedings, s.403-415. V databáze: SCOPUS ; WOS.
	    5. [1] MUNOZ DE LA PENA, D. - GÓMEZ-ESTERN, F. - DORMIDO, Sebastian. A new Internet tool for automatic evaluation in control systems. In Computers & Education, 2012, vol. 59, issue 2, s.535-550. V databáze: SCOPUS ; WOS.
	    6. [1] BODEA, C. N. - DASCALU, M. I. A tool for adaptive E-assessment of project management competences. Hershey : IGI Global, 2011In Intelligent and adaptive learning systems : technology

enhanced support for learners and teachers, s.133-150. ISBN 9781609608439. V databáze: SCOPUS.

7. [3]   RAMO, Simon. Method and apparatus for interactive, computer-based, automatically adaptable learning : US 86006170 B2. [Alexandria] : The United States Patent and Trademark Office, 2013. 11 s.

8. [1]   HUANG, Y. T. - CHEN, M.-C. - SUN, Y. S. Personalized automatic quiz generation based on proficiency level estimation. Singapor : National Institute of Education, Nanyang Technological University, 2012In ICCE 2012 : proceedings of the 20th International conference on computers in education, Singapore; 26 November 2012 through 30 November 2012, s.553-560. ISBN 978-981-07-4649-0. V databáze: SCOPUS.

9. [1]   IVANČEVIĆ, V. - KNEŽEVIĆ, M. - PUŠIĆ, B. - LUKOVIĆ, I. Adaptive testing in programming courses based on educational data mining techniques. Cham : Springer, 2014In Educational data mining : applications and trends, s.257-287. ISBN 978-3-319-02738-8. V databáze: SCOPUS., WOS

10. [3]   REDECKER, Christine. The use of ICT for the assessment of key competences. Luxembourg : European Union, 2013. 98 s. ISBN 978-92-79-29020-6.

11. [2]   ŠALOUN, Petr - HRUZÍK, M. - ZELINKA, Ivan. Sentiment analysis - e-bussines and e-learning common issue. [S. l.] : IEEE, 2013In ICETA 2013 [elektronický zdroj] : 11th IEEE International Conference on Emerging eLearning Technologies and Applications. October 24-25, 2013 Stary Smokovec, Slovakia, s.339-343. ISBN 978-1-4799-2161-4, SCOPUS, WOS

12. [4]   TVAROŽEK, Jozef. Bootstrapping a Socially Intelligent Tutoring Strategy. In Information Sciences and Technologies. Bulletin of the ACM Slovakia, 2011, vol. 3, no. 1, s.33-41.

13. [1]   HUANG, Y. T. - CHEN, M.-C. - SUN, Y. S. An interpretable statistical ability estimation in web-based learning environment. Singapor : National Institute of Education, Nanyang Technological University, 2012In ICCE 2012 : proceedings of the 20th International conference on computers in education, Singapore; 26 November 2012 through 30 November 2012, s.230-237. ISBN 978-981-07-4649-0, SCOPUS

14. [1]   CONEJO, Ricardo - GUZMÁN, E. - PEREZ-DE-LA-CRUZ, J. L. - BARROS, B. An empirical study on the quantitative notion of task difficulty. In Expert Systems with Applications, 2014, vol. 41, iss. 2, s.594-606, WOS, SCOPUS

15. [1]   LU, Peng - Cong, Xiao - Zhou, Dongdai. The Research on Web-Based Testing Environment Using Simulated Annealing Algorithm. In SCIENTIFIC WORLD JOURNAL, 2014, vol., no., pp. ISSN 1537-744X., WOS

16. [1]   TIAN, Mingli. The research and design of computerized adaptive english testing system. In Advanced Materials Research. ISSN 10226680, 2014-01-01, 998-999, pp. 1741-1744., SCOPUS, WOS

17. [1]   PAPAMITSIOU, Zacharoula - Economides, Anastasios A. Learning Analytics and Educational Data Mining in Practice: A Systematic Literature Review of Empirical Evidence. In EDUCATIONAL TECHNOLOGY & SOCIETY, 2014, vol. 17, no. 4, pp. 49-64. ISSN 1436-4522., WOS

18. [1]   Nandakumar, G. S. - Geetha, V. - Surendiran, B. - Thangasamy, S. A rough set based classification model for grading in adaptive E-assessment. In International Review on Computers and Software, 2014-01-01, 9, 7, pp. 1169-1177. ISSN 18286003., SCOPUS

19. [3]   CLOW, Doug - CROSS, Simon - FERGUSON, Rebecca -

RIENTIES, Bart. The LACE evidence hub. 1. vyd. Milton Keynes The Open University 2014. 34 s.

20. [1] KARDAN, Ahmad A. - Aziz, Mahdi - Shahpasand, Maryam. Adaptive systems: a content analysis on technical side for e-learning environments. In ARTIFICIAL INTELLIGENCE REVIEW, 2015, vol. 44, no. 3, pp. 365-391. ISSN 0269-2821., WOS, SCOPUS

21. [1] JONSDOTTIR, Anna Helga - Jakobsdottir, Audbjorg - Stefansson, Gunnar. Development and Use of an Adaptive Learning Environment to Research Online Study Behaviour. In EDUCATIONAL TECHNOLOGY & SOCIETY, 2015, vol. 18, no. 1, pp. 132-144. ISSN 1436-4522., WOS, SCOPUS

22. [1] JONSDOTTIR, Anna Helga - Stefansson, Gunnar - Chova, LG - Martinez, AL - Torres, IC. Enhanced learning with web-assisted education: the tutor-web. In EDULEARN13: 5th International conference on education and new learning technologies, 2013, vol., no., pp. 1070-1076. ISSN 2340-1117., WOS

23. [1] Xu, Ying. Research on MATLAB and its application in mathematical modeling. In Applied Mechanics and Materials, 2014-01-01, 687-691, pp. 1202-1205. ISSN 16609336., SCOPUS

24. [1] Hu, Qingchun - Huang, Yong. An approach for designing test bank in adaptive learning system. In Proceedings of the 9th International Conference on Computer Science and Education, ICCCSE 2014, 2014-01-01, pp. 462-464., SCOPUS, WOS

25. [1] PAPOUSEK, Jan - Pelanek, Radek - Conati, C - Heffernan, N - Mitrovic, A - Verdejo, MF. Impact of Adaptive Educational System Behaviour on Student Motivation. In ARTIFICIAL INTELLIGENCE IN EDUCATION, AIED 2015, 2015, vol. 9112, no., pp. 348-357. ISSN 0302-9743., WOS

26. [1] MOEYAERT, Mariola - WAUTERS, Kelly - DESMET, Piet - NOORTGATE, Wim Van den. When Easy Becomes Boring and Difficult Becomes Frustrating: Disentangling the Effects of Item Difficulty Level and Person Proficiency on Learning and Motivation. In Systems. Vol. 4, Iss. 1 (2016), s. 1-18. ISSN 2079-8954., WOS

27. [1] Grivokostopoulou, Foteini - Perikos, Isidoros - Hatzilygeroudis, Ioannis. Estimating the difficulty of exercises on search algorithms using a neuro-fuzzy approach. In Proceedings International Conference on Tools with Artificial Intelligence, ICTAI, 2016-01-04, 2016-January, pp. 866-872. ISSN 10823409., SCOPUS

28. [1] Conejo, Ricardo - Guzmán, Eduardo - Trella, Monica. The SIETTE Automatic Assessment Environment. In International Journal of Artificial Intelligence in Education, 2016-03-01, 26, 1, pp. 270-292. ISSN 15604292., SCOPUS, WOS

29. [1] CHAPLOT, Devendra Singh - RHIM, Eunhee - JIHIE, Kim. Personalized Adaptive Learning using Neural Networks. In Proceeding L@S '16 Proceedings of the Third (2016) ACM Conference on Learning @ Scale. 1. vyd. New York : ACM, 2016, S. 165-168. ISBN 978-1-4503-3726-7., SCOPUS

30. [3] STYLIANOS, Sergis - SAMPSON, Demetrios. School Analytics: A Framework for Supporting School Complexity Leadership. In Competencies, Challenges and Changes in Teaching, Learning and Educational Leadership in the Digital Age. 1. vyd. Cham : Springer, 2016, [45] s. ISBN 978-3-319-30293-5.

31. [3] PAPAMITSIOU, Zacharoula - ECONOMIDES, Anastasios. Learning Analytics for Smart Learning Environments: A Meta-Analysis of Empirical Research Results from 2009 to 2015. In Learning, Design, and Technology [elektronický dokument] : An International Compendium of Theory, Research, Practice, and Policy. 1. vyd. [S. l.] : Springer, 2016, S. 1-23. ISBN 978-3-319-17727-4. V databáze: DOI: 10.1007/978-3-319-17727-4_15-1.

32. [3]   ANTAL, Margit - EROS, Levente. Item-válasz-elmélet alapú adaptív tesztelés. In SZAMOKT XX, October 7-10, 2010, Satu Mare, Romania. 1. vyd. [S. l.] : [s. n.], 2010, S. 101-106.

33. [3]   DONG, Cheng - CAILING, Dong - YING, Yu. A web service trust evaluation model based on fuzzy theory. In Computer applications and software. Vol. 29, no. 10 (2012), s. 82-85. ISSN 1000-386x.

34. [3]   LU, Peng - ZHOU, Dongdai - ZHONG, Shaochun - CONG, Xiao. Research on item selection method for CAT based on simulated annealing. In Computer applications and software. Vol. 29, no. 10 (2012), s. 175-179. ISSN 1000-386x.

35. [3]   JIALIN, Juan - JIANHUA, Gao. Web application reliability metrics based on workload and error log data. In Computer applications and software. Vol. 29, no. 10 (2012), s. 44-48. ISSN 1000-386x.

36. [3]   AUZENDE, Odette - GIROIRE, Helene - CALVEZ, Francoise Le. A practical approach to using the IMS-QTI specification. In International Journal of Technology Enhanced Learning. Vol. 7, no. 4 (2012), s. 353-377. ISSN 1477-8386.

37. [3]   ARREAGA, Derick Antonio Leony. Contributions to affective learning through the use of data analysis, visualizations and recommender systems. 1. vyd. Madrid Universidad Carlos III 2016. 141 s.

38. [3]   RAMO, Simon. Method and apparatus for interactive, computer-based, automatically adaptable learning. USPTO 2013. 11 s.

39. [3]   STEINER, Christina - KICKMEIER-RUST, Michael - TÜRKER, Mustafa Ali. Deliverable D3.1. review article about LA and EDM approaches. 1. vyd. Graz Technische Universitaet 2014. 83 s.

40. [3]   JONSDOTTIR, Anna Helga - STEFANSSON, Gunnar. Using an online learning environment to teach an undergaduate statistics course: the tutor-web. In CoRR. no. July (2014), s. 1-7.

41. [3]   MORENO, Julián. Reference model for adaptive and intelligent educational systems supported by learning objects. 1. vyd. Colombia Universidad nacional 2012. 130 s.

42. [3]   MORENO, J. - MONTOYA, L. Diseňo y validación de un modelo de evaluación dinámica basado en le teoría de respuesta al ítem. In Revista de la Facultad de Ciencias Universidad Nacional de Colombia. Vol. 4, no. 2 (2015), s. 58-73. ISSN 0121-747X.

ADC02   KORENEK, Peter - ŠIMKO, Marián. Sentiment analysis on microblog utilizing appraisal theory. In *World Wide Web*. Vol. 17, Iss. 4 (2014), s. 847-867. ISSN 1573-1413. IF 2012 = 1,196, IF 2013 = 1,623. V databáze: SCOPUS: stu_scopus*84902362086 ; WOS: 000337163500019. [Vnútrofakultná kategória: I*A].
    Ohlasy:
1. [4]   NÁVRAT, Pavol - KUBÁN, Peter - KRÁTKY , Peter - MACKO, Peter - MÓRO, Róbert - SRBA, Ivan - ŠAJGALÍK, Márius - ŠEVCECH, Jakub - VRABLECOVÁ, Petra. Weboveda : východiská, predmet, metódy. 1. vyd. Bratislava : Nakladateľstvo STU, 2014. 131 s. ISBN 978-80-227-4194-1.

2. [1]   WANG, Mengmeng - Zuo, Wanli - Wang, Ying. A Multilayer Naive Bayes Model for Analyzing User's Retweeting Sentiment Tendency. In COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE, 2015, vol., no., pp. ISSN 1687-5265., WOS, SCOPUS

3. [1]   LUO, Zhunchen - Osborne, Miles - Wang, Ting. An effective approach to tweets opinion retrieval. In WORLD WIDE WEB-INTERNET AND WEB INFORMATION SYSTEMS, 2015,

vol. 18, no. 3, pp. 545-566. ISSN 1386-145X., WOS

4. [1]   Wang, Zhaoxia - Joo, Victor - Tong, Chuan - Chan, David. Issues of social data analytics with a new method for sentiment analysis of social media data. In Proceedings of the International Conference on Cloud Computing Technology and Science, CloudCom, 2015-01-01, 2015-February, february, pp. 899-904. ISSN 23302194., SCOPUS, WOS

5. [3]   ADAMKO, Marko - NÁVRAT, Pavol - KOVÁROVÁ, Alena. Personalised Recommendation of Who to Follow Based on Fellowship of Followers. In Computing and Information Systems Journal. Vol. 19, no. 1 (2015), s. ISSN 1352-9404.

6. [1]   Kassak, Ondrej - Kompan, Michal - Bielikova, Maria. User preference modeling by global and individual weights for personalized recommendation. In Acta Polytechnica Hungarica, 2015-01-01, 12, 8, pp. 27-41. ISSN 17858860., SCOPUS, WOS

7. [1]   ZHIYULI, Aakas - LIANG, Xun - WANG, Yige. Discerning the Trend: Concealing Deceptive Reviews. In Proceedings 2015 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2015, 2016-01-12, pp. 1833-1838., SCOPUS

8. [1]   JI, Ping - JI, Ping - JIN, Jian - JIN, Jian. Extraction of comparative opinionate sentences from product online reviews. In 2015 12th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015, 2016-01-13, pp. 1777-1785., SCOPUS

9. [3]   PAWAR, Kishori K. - SHRISHRIMAL, Pukhraj P. - DESHMUKH, R. R. Twitter Sentiment Analysis: A Review. In International Journal of Scientific & Engineering Research. Vol. 6, Iss. 4 (2015), s. 957-964. ISSN 2229-5518.

10. [1]   BUKHARI, Asad - GHAZIA, Ume. URWF: user reputation based weightage framework for twitter micropost classification. In Information Systems and e-Business Management. first online (2016), s. 1-37. ISSN 1617-9846., SCOPUS

11. [1]   ALAMSYAH, Andry - RAHMAH, Widita - IRAWAN, Herry. Sentiment analysis based on appraisal theory for marketing intelligence in Indonesia's mobile phone market. In Journal of Theoretical and Applied Information Technology, 2015-12-20, 82, 2, pp. 335-340. ISSN 19928645., SCOPUS

12. [1]   JIN, Jian - JI, Ping - GU, Rui. Identifying comparative customer requirements from product online reviews for competitor analysis. In Engineering Applications of Artificial Intelligence, 2016-03-01, 49, pp. 61-73. ISSN 09521976., SCOPUS

13. [3]   KAUR, Navpreet - KAKKAR, Er Mohit. A balanced sentiment analysis approach with stemming porter for neutralized emotion weightage. In International Journal of Advanced Research in Computer and Communication Engineering. Vol. 4, iss. 10 (2015), s. 466-467. ISSN 2278-1021.

14. [3]   KUNGWANI, Amrita - BALANI, Nisha. Sentiment analysis on posts at social networking websites: a review. In International journal of research in science and egineering. special issue (2016), s. 140-146. ISSN 2394-8299.

15. [1]   NITHYA, R. - MAHESWARI, D. Correlation of feature score to overall sentiment score for identifying the promising features. In 2016 International Conference on Computer Communication and Informatics (ICCCI), January 07-09,2016, Coimbatore, India. 1. vyd. [S. l.] : IEEE, 2016, S. 1-5. ISBN 978-1-4673-6679-3., SCOPUS

16. [1]   GIACHANOU, Anastasia - CRESTANI, Fabio. Like it or not: A survey of Twitter sentiment analysis methods. In ACM Computing Surveys, 2016-06-01, 49, 2, pp. ISSN 03600300., SCOPUS

17. [3]   KUNGWANI, Amrita - BALANI, Nisha. Implementation of sentiment analysis on posts at social networking websites. In International journal of research in science and egineering. Special Issue: ICSTSD, (2016), s. 147-154. ISSN 2394-8299.

18. [1]   LIU, Qi - ZOU, Xiao. A novel enterprise reputation mining approach based on sentiment analysis technology. In Journal of Computational and Theoretical Nanoscience, 2016-02-01, 13, 2, pp. 1203-1210. ISSN 15461955., SCOPUS

19. [1]   OLIVEIRA, Daniel José Silva - BERMEJO, Paulo Henrique de Souza - SANTOS, Pâmela Aparecida dos. Can social media reveal the preferences of voters? A comparison between sentiment analysis and traditional opinion polls. In Journal of Information Technology and Politics, 2016-08-19, pp. 1-12. ISSN 19331681., SCOPUS

ADF01   ŠIMKO, Marián. Automated Acquisition of Domain Model for Adaptive Collaborative Web-Based Learning. In *Information Sciences and Technologies. Bulletin of the ACM Slovakia*. Vol. 4, No. 2 (2012), s.1-9. ISSN 1338-1237. [Vnútrofakultná kategória: I*C].

Ohlasy:

1. [1]   MOLNÁR, Samuel - MÓRO, Róbert - BIELIKOVÁ, Mária. Trending Words in Digital Library for Term Cloud-based Navigation. Los Alamitos : IEEE Computer Society, 2013In SMAP 2013 : proceedings of the 8th international workshop on semantic and social media adaptation and personalization 12-13 December 2013 Bayonne, France, s.53-58. ISBN 978-0-7695-5132-6., SCOPUS

2. [4]   MÓRO, Róbert - BIELIKOVÁ, Mária. The role of text summarization in digital libraries. Bratislava : Nakladateľstvo STU, 2014In Cognitive traveling in digital space of the web and digital libraries : yield of the interdisciplinary multi-partner project TraDice, s.89-91. ISBN 978-80-227-4254-2.

3. [4]   RÁSTOČNÝ, Karol. Metadata maintenance for large information spaces: a survey. Bratislava : Nakladateľstvo STU, 2014In PerConik - personalized conveying of information and knowledge : research project workshop, Smolenice, Slovakia, November 19, 2014, s.10-42. ISBN 978-80-227-4269-6.

4. [4]   HOLUB, Michal - KURIC, Eduard - BIELIKOVÁ, Mária. Modeling the experience of software developers based on lightweight semantics. Bratislava : Nakladateľstvo STU, 2014In PerConik - personalized conveying of information and knowledge : research project workshop, Smolenice, Slovakia, November 19, 2014, s.153-162. ISBN 978-80-227-4269-6.

5. [4]   RÁSTOČNÝ, Karol. Knowledge Tags Maintenance in Heterogeneous Web Content: The Repository. In Information Sciences and Technologies. Bulletin of the ACM Slovakia, 2012, vol. 4, no. 2, s.59-61.

6. [4]   MÓRO, Róbert. Combinations of Different Raters for Text Summarization. In Information Sciences and Technologies. Bulletin of the ACM Slovakia, 2012, vol. 4, no. 2, s.56-58.

7. [2]   KOMPAN, Michal - BIELIKOVÁ, Mária. Group recommendations: survey and perspectives. In Computing and Informatics, 2014, vol. 33, no. 2, s.446-476., WOS, SCOPUS

8. [1]   RÁSTOČNÝ, Karol - BIELIKOVÁ, Mária. Maintenance of Human and Machine Metadata over the Web Content. Berlin : Springer, 2012In Lecture Notes in Computer Science : ICWE 2012 International Workshops MDWE, Composable Web, WeRE, QWE, and Doctoral Consortium Berlin, Germany, July 23-27, 2012 Revised Selected Papers, s.216-220., SCOPUS

9. [1]   LABAJ, Martin - BIELIKOVÁ, Mária. Modeling Parallel Web Browsing Behavior for Web-based Educational Systems. Piscataway : IEEE, 2012In ICETA 2012 [elektronický zdroj] : IEEE

10th International Conference on Emerging eLearning Technologies and Applications, November 8-9, 2012 Stará Lesná, The High Tatras, Slovakia, s.229-234. ISBN 978-1-4673-5122-5., SCOPUS

10. [1]   BIELIKOVÁ, Mária - RÁSTOČNÝ, Karol. Lightweight Semantics over Web Information Systems Content Employing Knowledge Tags. Berlín : Springer, 2012In Lecture Notes in Computer Science : ER 2012 Workshops: CMS, ECDM-NoCoDA, MoDIC MORE-BI, RIGiM, SeCoGIS, WISM Florence, Italy, October 2012, s.327-336., SCOPUS

11. [1]   Hussaan, Aarij Mahmood - Sehaba, Karim. Extracting knowledge in a game-based learning environment from interaction traces. In Proceedings of the European Conference on Games-based Learning, 2014-01-01, 1, pp. 207-215. ISSN 20490992., SCOPUS

ADF02   ŠIMKO, Marián. Automated Domain Model Creation for Adaptive Social Educational Environments. In *Information Sciences and Technologies. Bulletin of the ACM Slovakia*. s.119-121. ISSN 1338-1237. [Vnútrofakultná kategória: I*C].
        Ohlasy:
        1. [1]   ŠIMKO, Jakub - TVAROŽEK, Michal - BIELIKOVÁ, Mária. Semantics Discovery via Human Computation Games. In International Journal on Semantic Web and Information Systems, 2011, vol. 7, no. 3, s.23-45, SCOPUS, WOS
        2. [1]   MÓRO, Róbert - BIELIKOVÁ, Mária. Personalized Text Summarization Based on important Terms Identification. Los Alamitos : IEEE Computer Society, 2012In DEXA 2012 - Twenty-Third International Workshop on Database and Expert Systems Applications, 3-6 September 2012 Vienna, Austria, s.131-135. ISBN 978-0-7695-4801-2, WOS, SCOPUS
        3. [4]   DEMOVIČ, Ľuboš - KONÔPKA, Martin - LÁNI, Marek - TOMLEIN, Matúš. Enhancing Web Surfing Experience in Conditions of Slow and Intermittent Internet Connection. In Information Sciences and Technologies. Bulletin of the ACM Slovakia. Vol. 4, No. 2 (2012), s.25-29. ISSN 1338-1237.

AEC01   BIELIKOVÁ, Mária - ŠIMKO, Marián - BARLA , Michal - TVAROŽEK, Jozef - LABAJ, Martin - MÓRO, Róbert - SRBA, Ivan - ŠEVCECH, Jakub. ALEF: from application to platform for adaptive collaborative learning. In *Recommender systems for technology enhanced learning : research trends and applications*. 1. vyd. New York : Springer, 2014, s. 195-225. ISBN 978-1-4939-0530-0. recenzované. V databáze: SCOPUS: 2-s2.0-84956529085. [Vnútrofakultná kategória: I*B].
        Ohlasy:
        1. [1]   Santos, Olga C. - Boticario, Jesus G. Practical guidelines for designing and evaluating educationally oriented recommendations. In Computers and Education, 2014-01-01, 81, pp. 354-374. ISSN 03601315., SCOPUS, WOS
        2. [3]   VARGAS GOVEA, Blanca A. - JIMÉNEZ HERNÁNDEZ, Dalila. Diseño de un MOOC adaptativo para temas abstractos. 1. vyd. Tecnológico de Monterrey 2014.
        3. [1]   CHEN XIAN. Design and Implementation of Information Technology based Collaborative Learning Platform for College English Advising. In PROCEEDINGS OF THE 2015 INTERNATIONAL CONFERENCE ON EDUCATION TECHNOLOGY, MANAGEMENT AND HUMANITIES SCIENCE (ETMHS 2015), 2015, vol. 27, no., pp. 437-441. ISSN 2352-5398., WOS
        4. [1]   ERDT, Mojisola - Fernandez, Alejandro - Rensing, Christoph. Evaluating Recommender Systems for Technology Enhanced Learning: A Quantitative Survey. In IEEE

TRANSACTIONS ON LEARNING TECHNOLOGIES, 2015, vol. 8, no. 4, pp. 326-344. ISSN 1939-1382., WOS, SCOPUS

5. [1] Anaya, Antonio R. - Luque, Manuel - Peinado, Manuel. A visual recommender tool in a collaborative learning experience. In Expert Systems with Applications, 2016-03-01, 45, pp. 248-259. ISSN 09574174., SCOPUS, WOS

6. [1] BARTUSKOVA, Aneta - KREJCAR, Ondrej. Personalization of learning content and its structure, based on limitations of LMSs. In Studies in Computational Intelligence, 2016-01-01, 642, pp. 455-465. ISSN 1860949X., SCOPUS

7. [1] DRACHSLER, H. - VERBERT, K. - SANTOS, O. C. - MANOUSELIS, N. Panorama of recommender systems to support learning. In Recommender Systems Handbook, Second Edition, 2015-01-01, pp. 421-451., SCOPUS

8. [1] YOSSI, Ben David - SEGAL, Avi - GAL, Ya'akov (Kobi). Sequencing educational content in classrooms using Bayesian knowledge tracing. In Proceedings of the Sixth International Conference on Learning Analytics & Knowledge. 1. vyd. New York : ACM, 2016, S. 354-363. ISBN 978-1-4503-4190-5., SCOPUS

AEC02 ŠIMKO, Marián - BIELIKOVÁ, Mária. Automated Educational Course Metadata Generation Based on Semantics Discovery. In *Vol. 5794 Learning in the Synergy of* Multiple *Disciplines : 4th European Conference on Technology Enhanced Learning, EC-TEL 2009 Nice, France, September 29-October 2, 2009 Proceedings*. Berlin : Springer, 2009, s.99-105. ISBN 3-642-04635-5. V databáze: WOS: 000272585900011 ; SCOPUS: 2-s2.0-70450220382. [Vnútrofakultná kategória: I*B].

Ohlasy:

1. [4] VELART, Zdeněk - NEKULA, Jan - ŠALOUN, Petr. Experimentální adaptivní vícejazyčný webový systém. http://ceur-ws.org., 2010In CEUR Workshop Proceedings, Vol. 683 ITAT 2010: Information Technologies - Applications and Theory : Proceedings of the Conference on Theory and Practice of Information Technologies 2010 (ITAT-2010), Hotel Smrekovica, Veľká Fatra, Slovak Republik, September 21-25, 2010, s.129-130. ISBN 1613-0073.

2. [1] ŠALOUN, Petr - VELART, Zdeněk - KLIMANEK, Petr. Semiautomatic domain model building from text-data. Los Alamitos : IEEE Computer Society, 2011In SMAP 2011 : Proceedings of Sixth International Workshop on Semantic Media Adaptation and Personalization SMAP 2011, 1-2 December 2011 Vigo, Pontevedra, Spain, s.15-20. ISBN 978-0-7695-4524-0, SCOPUS

3. [1] ŠALOUN, Petr - VELART, Zdeněk - NEKULA, Jan. Towards Automated Navigation over Multilingual Content. Berlin : Springer, 2013In Semantic Hyper/Multimedia Adaptation, s.203-229. ISBN 978-3-642-28976-7, SCOPUS

4. [1] DISTANTE, Damiano - RISI, Michele - SCANNIELLO, Giuseppe. Enhancing navigability in websites built using web content management systems. In International Journal of Software Engineering and Knowledge Engineering. 24, 3 (2014-01-01), pp. 493-515. DOI: 10.1142/S0218194014500193., WOS, SCOPUS

5. [1] Kuosa, Kirsi - Koro, Juho - Tervakari, Anne - Paukkeri, Jukka - Kailanto, Meri. Content analysis and visualizations: Tools for a social media-enhanced learning environment. In Proceedings of 2014 International Conference on Interactive Collaborative Learning, ICL 2014, 2015-01-01, pp. 361-367., SCOPUS

6. [1] Sultan, Md Arafat - Bethard, Steven - Sumner, Tamara. Towards automatic identification of core concepts in educational resources. In Proceedings of the ACM/IEEE Joint Conference on Digital Libraries, 2014-01-01, pp. 379-388. ISSN 15525996.,

SCOPUS
7. [1]   Šaloun, Petr. From lightweight ontology to mental illness indication. In 2015 IEEE 13th International Scientific Conference on Informatics, INFORMATICS 2015 Proceedings, 2016-01-08, pp. 9-12., SCOPUS

AEC03   ŠIMKO, Marián - BIELIKOVÁ, Mária. User Modeling Based on Emergent Domain Semantics. In *Lecture Notes in Computer Science : 18 th International Conference,* UMAP *2010 Big Island, HI, USA, June 20-24, 2010 Proceedings*. Vol. 6075 User Modeling, Adaptation, and Personalization (2010), s.411-414. ISSN 0302-9743. V databáze: WOS: 000279499600040 ; SCOPUS: 2-s2.0-77954590218. [Vnútrofakultná kategória: I*B].
Ohlasy:
1. [1]   KAHRAMAN, H.T. - SAGIROGLU, S. - COLAK, I. The development of intuitive knowledge classifier and the modeling of domain dependent data. In Knowledge-Based Systems, 2013, vol. 37, s.283-295, SCOPUS, WOS
2. [3]   HUIZHI, Liang. User Modeling Based on Emergent Domain Semantics. 1. vyd. Queensland University of Technology 2011. 222 s.

AEC04   ŠIMKO, Marián - BARLA , Michal - BIELIKOVÁ, Mária. ALEF: A Framework for Adaptive Web-Based Learning 2.0. In *IFIP Advances in Information and Communication Technology : Held as Part of WCC 2010, Brisbane, Australia, September 20-23, 2010*. Vol. 324 Key Competencies in the Knowledge Society, IFIP TC3 international Conference, KCKS 2010 (2010), s.367-378. ISSN 1868-4238. V databáze: WOS: 000306343100036 ; SCOPUS: 2-s2.0-84925843436. [Vnútrofakultná kategória: I*A].
Ohlasy:
1. [4]   ŠEVCECH, Jakub. Mapping Words Between Slovak Text and its Translation to English. 2011In Information Sciences and Technologies. Bulletin of the ACM Slovakia, s.113-115.
2. [3]   BALÍK, Martin - JELÍNEK, Ivan. Adaptive System Framework : A Way to a Simple Development of Adaptive Hypermedia Systems. [New York] : IARIA, 2013In ADAPTIVE 2013 The Fifth International Conference on Adaptive and Self-Adaptive Systems and Applications May 27-June 1, 2013, Valencia, Spain, s.20-25. ISBN 978-1-61208-274-5.
3. [1] ŠALOUN, Petr - VELART, Zdeněk - NEKULA, Jan. Towards Automated Navigation over Multilingual Content. Berlin : Springer, 2013In Semantic Hyper/Multimedia Adaptation, s.203-229. ISBN 978-3-642-28976-7, SCOPUS
4. [1] KIM, K. R. - MOON, Nam Mee. Designing a social learning content management system based on learning objects. In Multimedia Tools and Applications [elektronický zdroj], 2013, vol. 64, iss. 2, s.423-437, SCOPUS, WOS
5. [4]   LABAJ, Martin. Web-Based Learning Support based on Implicit Feedback. 2011In Information Sciences and Technologies. Bulletin of the ACM Slovakia, s.76-78.
6. [1] SHI, L. - AL QUDAH, D. - CRISTEA, A. I. Social e-learning in topolor : a case study. Praha : IADIS Press, 2013In E-learning 2013 : proceedings of the IADIS International Conference, part of the Multi Conference on Computer Science and Information Systems 2013, July 23 - 26, 2013, Praque, Czech Republic, s.57-64. ISBN 978-972-8939-88-5, SCOPUS
7. [4] RÁSTOČNÝ, Karol. Metadata maintenance for large information spaces: a survey. Bratislava : Nakladateľstvo STU, 2014In PerConik - personalized conveying of information and

knowledge : research project workshop, Smolenice, Slovakia, November 19, 2014, s.10-42. ISBN 978-80-227-4269-6.

8. [4] TVAROŽEK, Jozef. Bootstrapping a Socially Intelligent Tutoring Strategy. In Information Sciences and Technologies. Bulletin of the ACM Slovakia, 2011, vol. 3, no. 1, s.33-41.

9. [4] MÓRO, Róbert. Combinations of Different Raters for Text Summarization. In Information Sciences and Technologies. Bulletin of the ACM Slovakia, 2012, vol. 4, no. 2, s.56-58.

10. [3] KRÁTKY , Peter. Detection of cheating students by implicit verification of identity in eLearning systems. In E-learning'14 [online] : international conference on e-learning, 12 September 2014, University of La Laguna Spain. 1. vyd. [S. l.] : [s. n.], 2014, S. 182-186. ISBN 978-954-712-611-4. Projekt: 1/0971/11 113 ; ITMS: 26240220039 268.

11. [3] SHI, Lei - CRISTEA, Alexandra I. - FOSS, Jonathan G. K. - AL QUDAH, Dana - QAFFAS, Alaa. A social personalized adaptive e-learning environment: a case study in topolor. In IADIS International Journal on WWW/Internet. Vol. 11, no. 3 (2013), s. 13-34. ISSN 1645-7641.

12. [1] YUSSIFF, Alimatu-Saadia - Ahmad, Wan Fatimah Wan - Oxley, Alan - ? Conceptual Framework for Effective E-collaboration and Didactic Enhancement. In 2014 INTERNATIONAL CONFERENCE ON COMPUTER AND INFORMATION SCIENCES (ICCOINS), 2014, vol., no., pp., WOS

13. [1] GARCIA, I. - Guzman-Ramirez, E. - Pacheco, C. CoLFDImaP: A Web-Based Tool for Teaching of FPGA-Based Digital Image Processing in Undergraduate Courses. In COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, 2015, vol. 23, no. 1, pp. 92-108. ISSN 1061-3773., WOS

14. [1] KRÁTKY , Peter - CHUDÁ, Daniela. Mouse usage biometrics in eLearning systems: detection of impersonation and user profiling. In International journal of human capital and information technology professionals. Vol. 6, no. 1 (2015), s. 39 - 50. ISSN 1947-3478. DOI: 10.4018/ijhcitp.2015010104., SCOPUS

15. [1] Yussiff, Alimatu Saadia - Ahmad, Wan Fatimah Wan - Mustapha, Emy Elyanee. A constructivist didactics framework for e-collaboration through social media. In International Journal of Business Information Systems, 2015-01-01, 20, 3, pp. 310-324. ISSN 17460972., SCOPUS

16. [1] Costello, Robert. Evaluating e-learning from an end user perspective. In Frameworks of IT Prosumption for Business Development, 2013-07-31, pp. 259-283., SCOPUS

17. [1] HARCHAY, Ahlem - Cheniti-Belcadhi, Lilia - Braham, Rafik. A Context-aware Approach for Personalized Mobile Self-Assessment. In JOURNAL OF UNIVERSAL COMPUTER SCIENCE, 2015, vol. 21, no. 8, pp. 1061-1085. ISSN 0948-695X., WOS, SCOPUS

18. [1] Shi, Lei - Cristea, Alexandra I. - Stewart, Craig. Students as customers: Participatory design for adaptive web 3.0. In Gamification: Concepts, Methodologies, Tools, and Applications, 2015-03-31, 4-4, pp. 1882-1905., SCOPUS, WOS

19. [3] GARCÍA, Alejandro Montes García - STASH, Natalia - FABRI, Marc - DE BRA, Paul - FLETCHER, George H. L. - PECHENIZKIY, Mykola. WiBAF into a CMS: Personalization in Learning Environments Made Easy. In UMAP 2016 Extended Proceedings. Late-breaking Results, Posters, Demos, Doctoral Consortium and Workshops Proceedings of the 24th ACM Conference on User Modeling, Adaptation and Personalisation (UMAP 2016). 1. vyd : CEUR-WS, 2016, [6] s.

20. [1] BARTUSKOVA, Aneta - KREJCAR, Ondrej.

Personalization of learning content and its structure, based on limitations of LMSs. In Studies in Computational Intelligence, 2016-01-01, 642, pp. 455-465. ISSN 1860949X., SCOPUS

21. [3]   JAYASIMMAN, L. Performance Accuracy of Classification Algorithms for Web Learning System. In International Journal of Computer Applications. Vol. 114, no. 17 (2015), s. 34-37. ISSN 0975-8887.

22. [1]   SAID, Tamer - SHAWKY, Doaa - BADAWI, Ashraf. Identifying knowledge-building phases in computer-supported collaborative learning: A review. In Proceedings of 2015 International Conference on Interactive Collaborative Learning, ICL 2015, 2015-11-04, pp. 608-614., SCOPUS

AFA01   BIELIKOVÁ, Mária - BARLA , Michal - ŠIMKO, Marián. Lightweight Semantics for the "Wild Web". In *WWW/Internet 2011 : Proceedings of the IADIS International* Conference. [s. l.] : IADIS Press, 2011, s.xxv-xxxii. ISBN 978-989-8533-01-2. V databáze: SCOPUS: 2-s2.0-84945574945. [Vnútrofakultná kategória: I*C].
      Ohlasy:
      1. [4]   KRAMÁR, Tomáš - BILEVIC, Roman. Modeling the dynamics of research interests. Bratislava : Nakladateľstvo STU, 2014In Cognitive traveling in digital space of the web and digital libraries : yield of the interdisciplinary multi-partner project TraDice, s.50-55. ISBN 978-80-227-4254-2.
      2. [4]   RÁSTOČNÝ, Karol. Metadata maintenance for large information spaces: a survey. Bratislava : Nakladateľstvo STU, 2014In PerConik - personalized conveying of information and knowledge : research project workshop, Smolenice, Slovakia, November 19, 2014, s.10-42. ISBN 978-80-227-4269-6.

AFC03   HARINEK, Jozef - ŠIMKO, Marián. Improving Term Extraction by utilizing User Annotations. In *DocEng' 13 [elektronický zdroj] : Proceedings of the 2013 ACM Symposium on Document Engineering September 10-13, 2013 Florence, Italy*. New York : ACM, 2013, s.online, p. 185-188. ISBN 978-1-4503-1789-4. V databáze: SCOPUS: 2-s2.0-84887385590. [Vnútrofakultná kategória: I*B].
      Ohlasy:
      1. [3]   VALASKI, J. - REINEHR, S. - MALUCELLI, A. Approaches and Strategies to Extract Relevant Terms: How are they being applied? In ICAI'15, The 2015 International Conference on Artificial Intelligence, July 27-30, 2015, at Monte Carlo Resort, Las Vegas, USA. 1. vyd : World Academy of Science, 2015, S. 478-484.

AFC04   HORVÁTH, Róbert - ŠIMKO, Marián. Enriching the Web for Vocabulary Learning. In *Scaling up Learning for Sustained Impact : 8th European Conference, on Technology Enhanced Learning, EC-TEL 2013, Paphos, Cyprus, September 17-21, 2013. Proceedings*. 1. vyd. New York : Springer, 2013, s.609-610. ISBN 978-3-642-40813-7. V databáze: SCOPUS: 2-s2.0-84883427934 ; WOS: 000345099500075. [Vnútrofakultná kategória: I*B].
      Ohlasy:
      1. [1]   KASSAK, Ondrej - KOMPAN, Michal - BIELIKOVA, Maria. Student behavior in a web-based educational system: Exit intent prediction. In Engineering Applications of Artificial Intelligence, 2016-01-01, pp. ISSN 09521976., SCOPUS

AFC08   LUČANSKÝ, Milan - ŠIMKO, Marián - BIELIKOVÁ, Mária. Enhancing Automatic Term Recognition Algorithms with HTML Tags Processing. In *CompSysTech´11,* Proceedings *of the 12th International Conference on Computer Systems and Technologies Vienna, Austria, June*

16-17, 2011. New York : ACM Press, 2011, s.173-178. ISBN 978-1-4503-0917-2. V databáze: SCOPUS: 2-s2.0-80052799585. [Vnútrofakultná kategória: I*B].

Ohlasy:

1. [1]   JAČALA, Martin - TVAROŽEK, Jozef. Named Entity Disambiguation Based on Explicit Semantics. Heidelberg : Springer, 2012In Lecture Notes in Computer Science : 38th Conference on Current Trends in Theory and Practice of Computer Science Špindlerův Mlýn, Czech Republic, January 21-27, 2012 Proceedings, s.456-466, SCOPUS, WOS

AFC10   MAJER, Tomáš - ŠIMKO, Marián. Leveraging Microblogs for Resource Ranking. In *Lecture Notes in Computer Science : 38th Conference on Current Trends in Theory and Practice of Computer Science Špindlerův Mlýn, Czech Republic, January 21-27, 2012 Proceedings*. s.518-529. ISSN 0302-9743. V databáze: WOS: 000307258500042 ; SCOPUS: 2-s2.0-84856062496. [Vnútrofakultná kategória: I*B].

Ohlasy:

1. [1]   RIQUELME, Fabián - GONZÁLEZ-CANTERGIANI, Pablo. Measuring user influence on Twitter: A survey. In Information Processing and Management, 2015-08-31, pp. ISSN 03064573., SCOPUS

2. [3]   LIANXI, Wang - SHENGYI, Jiang - GUANSONG, Pang - MEILING, Wu. A Literature Review of User Relationship Mining on Microblog. In Journal of intelligence. Vol. 31, no. 12 (2012), s. 91-98. ISSN 1002-1965.

3. [3]   JIANG, Yating - LI, Bing - YANG, Ruitai - SUN, Bingjie. Analysis of microblog content based user-ranking strategies, taking Sina Weibo as and example. In Journal of intelligence. no. 3 (2014), s. 122-127. ISSN 1002-1965.

4. [1]   ZHUANG, Kechen - SHEN, Haibo - ZHANG, Hong. User spread influence measurement in microblog. In Multimedia Tools and Applications, 2016-08-04, pp. 1-17. ISSN 13807501., SCOPUS

AFC11   MÓRO, Róbert - SRBA, Ivan - UNČÍK, Maroš - BIELIKOVÁ, Mária - ŠIMKO, Marián. Towards Collaborative Metadata Enrichment for Adaptive Web-Based Learning. In *IAT 2011. Proceedings 2011 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology - Workshops, 22-27 August 2011, Lyon, France : WI-IAT Workshops 2011*. Los Alamitos : IEEE Computer Society, 2011, s.106-109. ISBN 978-0-7695-4513-4. registrovaný: Scopus. V databáze: SCOPUS: 2-s2.0-80155126070. [Vnútrofakultná kategória: I*B].

Ohlasy:

1. [3]   BALAKRISHNAN, M. - DURAISWAMY, K. E-Learning System Analysis Using Smart Aided Tools Through Web Services. 2012In International Journal of Advances in Engineering & Technology, s.494-499.

2. [3]   SAKARKAR, G. - DESHPANDE, S. P. - THAKARE, V. M. An online social networking architecture using context data for effective e-learning systems. In ERCICA 2014 : proceedings of international conference on emerging research in computing, information, communication and applications. 1. vyd. [S. l.] : Elsevier, 2014, s. 33-39. ISBN 9789351072607.

AFC12   SVRČEK, Martin - ŠIMKO, Marián. Supporting Educational Content Enrichment and Learning via Student-Created Definitions. In *New horizons in web based learning : ICWL 2014 international workshops, SPeL, PRASAE, IWMPL, OBIE, and KMEL, FET,*

Tallinn, Estonia, August 14-17, 2014. 1. vyd. Cham : Springer, 2014, s. 44-54. ISBN 978-3-319-13296-9 (online). V databáze: SCOPUS: 2-s2.0-84917706344 ; WOS: 000354703900005. [Vnútrofakultná kategória: I*B].

    Ohlasy:

1. [3]   KARATAEV, Evgeny - ZADOROZHNY, Vladimir. Adaptive Social Learning Based On Crowdsourcing. In IEEE transactions on learning technologies. Vol. xx, no. xx (2016), [19] s. ISSN 1939-1382.

AFC15   ŠIMKO, Marián - BIELIKOVÁ, Mária. Automatic Concept Relationships Discovery for an Adaptive E-course. In *EDM´09. Educational Data Mining 2009 : 2nd International Conference On Educational Data Mining, Cordoba, Spain, July 1-3, 2009*. Cordoba, 2009, 2009), s.171-179. ISBN 978-84-613-2308-1. V databáze: SCOPUS: 2-s2.0-70450130928. [Vnútrofakultná kategória: I*C].

    Ohlasy:

1. [3]   JAČALA, Martin - TVAROŽEK, Jozef. Identifying Entity Relationships in News Reports. Praha : Institut of Computer Science AS CR, 2010In SOFSEM 2010: Theory and Practice of Computer Science : 36th Conference on Current Trends in Theory and Practice of Computer Science Špindlerův Mlýn, Czech Republic January 23-29, 2010 Proceedings Volume II, s.32-41. ISBN 978-80-87136-06-5.

2. [3]   JAČALA, Martin. Relationship Discovery in News Articles. Prague : ČVUT, 2009In Czech ACM & Slovak ACM Student Research Competition 2009, Prague, November 20, 2009 : 7th Student Research Competition in Informatics and Information Technologies, Proceedings of Finalists Papers, s.9-16. ISBN 978-80-01-04455-1.

3. [1]   ROMERO, Cristóbal - VENTURA, Sebastián. Educational data mining: A review of the state of the art. In IEEE transactions on systems, man and cybernetics. Part C. Applications and review, 2010, vol. 40, no. 6, s.601-618., WOS, SCOPUS

4. [1]   TAKAHASHI, Teruno - LARSON, R.C. An efficient educational material exploration using extracted concepts. 2012In CSEDU 2012 - Proceedings of the 4th International Conference on Computer Supported Education, Vol. , 16.4.-18.4.2012, Porto, s.282-287. ISBN 978-989856506-8, SCOPUS

5. [1]   ŠALOUN, Petr - VELART, Zdeněk - NEKULA, Jan. Navigation over Multilingual Content using one Concept Space: Controlled Experiment. [New York] : IEEE, 2010In Semantic media adaptation and personalization : proceedings 2010 5th international workshop 09-10 december 2010 Limassol, Cyprus, 2010), s.1-6. ISBN 978-1-4244-8601-4, SCOPUS

6. [1]   ŠALOUN, Petr - VELART, Zdeněk. Evaluation of Concept Space Rating Algorithm and Navigation Scheme. Los Alamitos : IEEE Computer Society, 2010In 2010 IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology, Toronto, Canada, 31 August - 3 September 2010 : WI-IAT 2010 Workshops, Proceedings, s.288-291. ISBN 978-0-7695-4191-4, SCOPUS

7. [1]   ŠALOUN, Petr - VELART, Zdeněk. Concept Space Rating Personalization of Learning Materials based on Relations. Los Alamitos : IEEE Computer Society, 2009In Semantic Media Adaptation and Personalization, 4th International Workshop, San Sebastian, Spain, 14-15 December 2009, s.67-72. ISBN 978-0-7695-3894-5., SCOPUS

8. [1]   MOARREFZADEH, A. Study of workpiece thermal profile in Electrical Discharge Machining (EDM) process. In WSEAS Transactions on Applied and Theoretical Mechanics, 2012, vol. 7, issue 2, s.83-92, SCOPUS

9. [4]   ŠIMKO, Jakub. Perspektívy hier s účelom pre vytváranie metadát. Košice : Technická univerzita, 2011In WIKT 2011 Proceedings 6th Workshop on Intelligent and Knowledge oriented Technologies, November 24 - 25, 2011 Herľany, Slovakia, s.149-154. ISBN 978-80-89284-99-3.

10. [1]   KLEFTODIMOS, Alexandros - EVANGELIDIS, Georgios. An overview of web mining in education. New York : ACM, 2013In PCI '13 Proceedings of tehe 17th Panhellenic Conference on Informatics. ISBN 978-1-4503-1969-0, SCOPUS

11. [1]   MOARREFZADEH, A. Finite-Element Simulation of Aluminum Temperature Field in Laser Welding. In WSEAS Transactions on Information Science and Applications, 2012, vol 9, iss. 5, s.158-166, SCOPUS

12. [1]   Hu, Qingchun - Huang, Yong. An approach for designing test bank in adaptive learning system. In Proceedings of the 9th International Conference on Computer Science and Education, ICCCSE 2014, 2014-01-01, pp. 462-464., SCOPUS

13. [1]   Wang, Jun - Xiang, Junfu - Uchino, Kanji. Topic-specific recommendation for open education resources. In Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2015-01-01, 9412, pp. 71-81. ISSN 03029743., SCOPUS

14. [1]   John, Rogers Jeffrey Leo - McTavish, Thomas S. - Passonneau, Rebecca J. Semantic graphs for mathematics word problems based on mathematics terminology. In CEUR Workshop Proceedings, 2015-01-01, 1446, pp. ISSN 16130073., SCOPUS

15. [3]   SEN, Umesh Kumar. A Brief Review Status of Educational Data Mining. In International Journal of Advanced Research in Computer Science and Technology. Vol. 3, iss. 1 (2015), s. 137-140. ISSN 2347 - 8446.

16. [3]   DOS REIS, Júlio César - BONACIN, Rodrigo - BARANAUSKAS, Maria Cecilia C. O uso de ferramentas de mineração de texto para modelar significados em Redes Sociais Inclusivas. In Fonte. An. 8, nu. 11 (2011), s. 59-69. ISSN 1808-0175.

17. [3]   LI, Mu. Coupling Analysis in Educational Data. 1. vyd. Sydney University of Technology 2015. 197 s.

18. [1]   Šaloun, Petr. From lightweight ontology to mental illness indication. In 2015 IEEE 13th International Scientific Conference on Informatics, INFORMATICS 2015 Proceedings, 2016-01-08, pp. 9-12., SCOPUS

19. [1]   SUHIRMAN - SUHIRMAN, X. X. - ZAIN, Jasni Mohamad - HERAWAN, Tutut. Data mining for education decision support: A review. In International Journal of Emerging Technologies in Learning, 2014-01-01, 9, 6, pp. 4-19. ISSN 18688799., SCOPUS

AFC17   ŠIMKO, Marián - BIELIKOVÁ, Mária. Automatizované získavanie metadát výučbového obsahu a vzťahov medzi konceptmi. In *Znalosti 2009 : 8. ročník konferencie, Brno 4.-6.februára 2009. Zborník príspevkov*. Bratislava : Vydavateľstvo STU, 2009, s.246-257. ISBN 978-80-227-3015-0. [Vnútrofakultná kategória: I*D].
Ohlasy:
1. [4]   ŠALOUN, Petr. Model domény se sémantikou. Nitra : Univerzita Konštantína Filozofa v Nitre, 2009In ASIS 2009. Adaptívne siete v informačných systémoch : Štúdie vybraných tém adaptívnych hypermediálnych systémov a umelej inteligencie, s.19-24. ISBN 978-80-8094-593-0.

AFC19   ŠIMKO, Marián - BARLA , Michal - MIHÁL, Vladimír - UNČÍK, Maroš - BIELIKOVÁ, Mária. Supporting Collaborative Web-Based Education via Annotations. In *ED*-MEDIA *2011. World Conference*

<table>
<tr><td></td><td>

on Educational Multimedia, Hypermedia & Telecommunications Proceedings, Lisbon, Portugal June 27, 2011 AACE. Chesapeake : Association for the Advancement of Computing in Education, 2011, s.2576-2585. ISBN 1-880094-8904. [Vnútrofakultná kategória: I*C].

Ohlasy:
1. [4]   KOMPAN, Michal. Personalizované odporúčanie so zohľadnením sociálnych aspektov. Košice : Technická univerzita, 2011In WIKT 2011 Proceedings 6th Workshop on Intelligent and Knowledge oriented Technologies, November 24 - 25, 2011 Herľany, Slovakia, s.155-160. ISBN 978-80-89284-99-3.
2. [4]   ŠEVCECH, Jakub. Related documents search using user created annotations. In Information Sciences and Technologies. Bulletin of the ACM Slovakia, 2013, vol. 5, no. 2, s.44-47.

AFC21   ŠIMKO, Marián - FRANTA, Martin - HABDÁK, Martin - VRABLECOVÁ, Petra. Managing Content, Metadata and User-Created Annotations in Web-Based Applications. In *DocEng′ 13 [elektronický zdroj] : Proceedings of the 2013 ACM Symposium on Document Engineering September 10-13, 2013 Florence, Italy*. New York : ACM, 2013, online, s. 201-204. ISBN 978-1-4503-1789-4. V databáze: SCOPUS. [Vnútrofakultná kategória: I*B].

Ohlasy:
1. [3]   GORRIZ, Michael - HOLZWEISSIG, Kai. Linked Data in der Automobilindustrie. In Linked Enterprise Data : Management und Bewirtschaftung vernetzter Unternehmensdaten mit Semantic Web Technologien. 1. vyd. Berlin : Springer, 2014, S. 245-262. ISBN 978-3-642-30274-9.

AFC22   UHERČÍK, Tomáš - ŠIMKO, Marián - BIELIKOVÁ, Mária. Utilizing microblogs for web page relevant term acquisition. In *Lecture Notes in Computer Science : 39th* International *conference on current trends in theory and practice of computer science Špindlerův Mlýn, Czech Republic, January 26-31, 2013. Proceedings*. s.457-468. ISSN 0302-9743. registrovaný: Scopus. V databáze: SCOPUS: 2-s2.0-84872527657. [Vnútrofakultná kategória: I*B].

Ohlasy:
1. [1]   ZHAO, H. - ZENG, Q. Micro-blog keyword extraction method based on graph model and semantic space. In Journal of multimedia, 2013, vol. 8, no. 5, s.s. 611-617., SCOPUS
2. [1]   Daoud, Daoud - Al-Kouz, Akram - Daoud, Mohammad. Time-sensitive Arabic multiword expressions extraction from social networks. In International Journal of Speech Technology, 2015-10-29, pp. ISSN 13812416., SCOPUS

</td></tr>
<tr><td>Počet doktorandov: školených ukončených</td><td>--</td></tr>
<tr><td>Názov študijného odboru, v ktorom sa konanie uskutočňuje</td><td>informačné systémy</td></tr>
<tr><td>Téma habilitačnej práce alebo inauguračnej prednášky</td><td>Modelovanie a extrakcia informácií pre inteligentný (slovenský) Web</td></tr>
<tr><td>Údaje o oponentoch, meno a priezvisko, akademický titul a vedecko-pedagogický titul alebo umelecko-pedagogický titul</td><td>

Oponenti:
- prof. RNDr. Peter Vojtáš, DrSc., MFF, Univerzita Karlova, Praha
- prof. Ing. Ján Paralič, PhD., FEI, TU v Košiciach
- doc. Ing. Jaroslav Zendulka, PhD., FIT, VUT, Brno

</td></tr>
<tr><td>Oponentské posudky</td><td>

- prof. RNDr. Peter Vojtáš, DrSc., MFF, Univerzita Karlova, Praha
- prof. Ing. Ján Paralič, PhD., FEI, TU v Košiciach
- doc. Ing. Jaroslav Zendulka, PhD., FIT, VUT, Brno

</td></tr>
</table>

Zloženie vedeckej rady, ktorá prerokovala návrh na udelenie titulu „docent" alebo návrh na vymenovanie profesora, meno a priezvisko, akademický titul a vedecko-pedagogický titul alebo umelecko-pedagogický titul, vedecké hodnosti. Ak člen vedeckej rady vysokej školy nie je členom akademickej obce tejto vysokej školy alebo ak člen vedeckej rady fakulty nie je členom tejto vysokej školy uvádza sa aj názov zamestnávateľa tohto člena.	Zloženie Vedeckej rady FIIT STU (pdf)
Rozhodnutie vedeckej rady po skončení habilitačného konania	Uznesenie VR (pdf)
Ďalšie údaje o priebehu habilitačného konania	

§ 1 ods. 14, § 2a vyhlášky MŠ SR č. 6/2005 Z.z. v znení vyhlášky MŠVVaŠ SR č. 457/2012 Z.z. (habilitačné konanie)	
Dátum doručenia žiadosti o habilitačné konanie Dátum, od ktorého je habilitačné konanie alebo vymenúvacie konanie prerušené a lehotu, v ktorej majú byť odstránené nedostatky žiadosti	7. 9. 2016 -
Dátum, od ktorého je habilitačné konanie prerušené a lehotu, v ktorej majú byť odstránené nedostatky žiadosti	-
Oponenti habilitačnej práce a členovia habilitačnej komisie meno a priezvisko, akademický titul a vedecko-pedagogický titul alebo umelecko-pedagogický titul, vedecké hodnosti a pracovisko	Oponenti: - prof. RNDr. Peter Vojtáš, DrSc., MFF, Univerzita Karlova, Praha - prof. Ing. Ján Paralič, PhD., FEI, TU, Košice - doc. Ing. Jaroslav Zendulka, PhD., FIT, VUT, Brno Habilitačná komisia: Predseda: - prof. Ing. Pavol Návrat, PhD., FIIT, STU, Bratislava Členovia: - prof. Ing. Karol Matiaško, PhD., FRI, Žilinská univerzita, Žilina - prof. PhDr. Jela Steinerová, PhD., FiF, UK, Bratislava
Návrh habilitačnej komisie alebo inauguračnej komisie S odporúčaním udeliť/neudeliť titul docent v odbore alebo schváliť/neschváliť návrh na vymenovanie za profesora v odbore	Stanovisko (pdf)
Rozhodnutie príslušnej vedeckej rady, vrátane jeho odôvodnenia, ak sa vypracúva, a lehotu na prípadné opätovné predloženie žiadosti podľa §2 ods.2	Uznesenie VR (pdf)
Prezenčná listina zo zasadnutia vedeckej rady, ktorá o žiadosti rozhodovala	Prezenčná listina (pdf)
Dátum a dôvod skončenia habilitačného konania alebo vymenúvacieho konania	udelením titulu docent rektorom STU s účinnosťou od 7. 6. 2017
Dátum, čas a miesto konania habilitačnej prednášky a dátum, čas a miesto konania obhajoby habilitačnej práce §1 ods.14	1. 3. 2017 o 13.00 hod., miestnosť 2.06 FIIT STU a následne konanie obhajoby
Dátum, čas a miesto konania inauguračnej prednášky §4 ods.10	
Kontaktná adresa habilitanta:	FIIT STU v Bratislave