

CURRICULUM VITAE

Personal data

Nume/Prenume VEKOV Géza Károly

E-mail geza.vekov@cs.ubbcluj.ro

Workplace, title Assistant lecturer, Babeş–Bolyai University, Cluj-Napoca
Faculty of Mathematics and Informatics
Hungarian Department of Mathematics and Informatics

Education

2012- *PhD UNIVERSITY OF DEBRECEN, Doctoral School of Informatics*

2008 *INFORMATICIAN BABEŞ-BOLYAI UNIVERSITY, Cluj Napoca*

Work experience

2019- *ASSISTANT LECTURER BABEŞ-BOLYAI UNIVERSITY, Cluj Napoca*

2012-2019 *ASSISTANT LECTURER UNIVERSITY OF SAPIENTIA, Târgu Mureş*

Course units: Algorithmics, programming techniques, data structures

2012-2014 *ASSOCIATED LECTURER SAPIENTIA EMTE, Târgu Mureş*

Course units: Algorithmics, programming techniques, data structures

2004-2005 *TEACHER SIGISMUND TODUTA ZENELÍCEUM, Cluj-Napoca*

Course units: TIC

Other work experience

2014- *IT CONSULTANT SC. MULTIPLAN ELECTRONICS SRL, Târgu Mureş*

2006-2014 *INFORMATICIAN/ IT MANAGER SC. MULTIPLAN ELECTRONICS SRL, Târgu Mureş*

2001-2002 *IT TESTING OPERATOR SC. BCOMP SOFT SRL, Cluj-Napoca*

Scientific activity

- „Az anyanyelvű szakképzés helyzete, problémái kétnyelvű oktatási rendszerben az oktatás körülményei (intézményi hálózat) és szereplői (tanár, diák) viszonylatában” (The status and problems of Hungarian education in bilingual professional schools), Institute of Scientific Research, Sapientia Foundation, 16.000 RON, member, 2015-2016.
- 8 articles: 1 journal; 7 proceedings.
- 9 conference presentations, as author or co-author.

Languages

HUNGARIAN: mother tongue

ROMANIAN: advanced

ENGLISH: advanced

GERMAN: intermediate

Research areas

Fundamental algorithms

INFORMATION SYSTEM DATA ACQUISITION

INFORMATION SYSTEM STRUCTURE PLANNING

Date: 18th September 2019.

SCIENTIFIC CONTRIBUTION

Name **VEKOV Géza Károly**

Most relevant

1. VEKOV Géza, Two-leveled information systems in computer asset management (Kétszintes információs rendszerek számítógépek nyilvántartásában), Műszaki Szemle, EMT, 58. (2012), 43-48.
2. VEKOV Géza, POKORÁDI László: A classification of technical system's state descriptor set based on the possible automation of the parameter registration process, Carpathian Control Conference (ICCC), 2015 16th International, IEEE, pp. 571-574.
3. VEKOV Géza, OSZTIÁN Erika, KÁTAI Zoltán: Multi-dimensional expansion of Algo-Rythmics, INTE International Conference on New Horizons in Education, IDEC International Distance Education Conference, ITICAL International Trends and Issues in Communication & Media Conference Proceedings Book Vol. 2, July 17-19, 2017, Berlin, Germany. Eds.: Aytekin Işman, Ahmet Eskicumali, ASET, Sakarya, 2017, pp. 701-706
4. KÁTAI Zoltán, OSZTIÁN Erika, VEKOV Géza, Development of computational thinking in mixed educational environment (Számítógépes gondolkozás fejlesztése vegyes oktatási környezetben), XXIII. Multimédia az oktatásban, Cluj Napoca, Journal of Applied Multimedia, 2017, pp. 107-112, ISBN: 978-606-37-0183-2.

PhD Thesis

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Other scientific contributions

1. VEKOV Géza, Preprocessing unit planning for data collection systems (Előfeldolgozó tervezése adatgyűjtő rendszerekhez), Műszaki Tudomány az Észak-kelet Magyarországi Régióban 2013, international conference, Debrecen, Hungary, 4 June 2013, 280-285, ISBN: 9789637064302.
2. VEKOV Géza: Classification of computer hardware parameters based on automated registration capabilities, Proceedings of the XX-th international scientific conference of young engineers, international conference, EME, 2015, ISSN: 2393–1280, pp. 335-338.
3. KÁTAI Zoltán, OSZTIÁN Erika, VEKOV Géza, OSZTIÁN Pálma, Algo-Rythmics: new dimensions, INFODIDACT, Informatika Szakmódszertani Konferencia, 2017, Zamárdi, Ungaria, pp. 1-6, ISBN: 978-615-80608-1-3
4. KÁTAI Zoltán, OSZTIÁN Erika, OSZTIÁN Pálma, VEKOV Géza, Algorithmics and art, heap sort from Calata (Algoritmika és művészet, avagy kupacrendezés kalotaszegi módra), ENELKO, 2017, EMT, pp. 199-203.

Conference participation

1. VEKOV Géza, GYÓRFI Ágnes, KÁTAI Zoltán: Differentiated methods in teaching of programming at Sapientia University (Differenciált programozás-oktatás a marosvásárhelyi Sapientia EMTE-n), INFODIDACT, Conference in Informatic-didactics, Zamárdi, Ungaria,

15-16 Noiembrie 2012.

2. VEKOV Géza: Reliability of SMBIOS-structure data (SMBIOS-struktúrák adatainak megbízhatósága), MatInfo 2013, Tg-Mureş, 25 Mai 2013.
3. VEKOV Géza: Preprocessing unit planning for data collection systems (Előfeldolgozó tervezése adatgyűjtő rendszerekhez), Műszaki Tudomány az Észak-kelet Magyarországi Régióban 2013, Conferință internațională, Debrecen, Ungaria, 4 Iunie 2013, 280-285, ISBN: 9789637064302.
4. VEKOV Géza, POKORÁDI László: Questions regarding technical systems' operational description, MTNE 2014 (Ziua Stiinței Maghiare în Transilvania 2014), Conferință națională, Cluj-Napoca, 22 noiembrie 2014.
5. VEKOV Géza, GYÖRFI Ágnes, KÁTAI Zoltán: Differentiated methods in teaching of programming at Sapientia University (Differenciált programozás-oktatás a marosvásárhelyi Sapientia EMTE-n), MTNE 2014 (Hungarian Days of the Science, 2014), Conferință națională, Cluj-Napoca, 15 noiembrie 2014.
6. VEKOV Géza, POKORÁDI László: A classification of technical system's state descriptor set based on the possible automation of the parameter registration process, 16th IEEE Carpathian Control Conference, Szilvásvár, Ungaria, 27-30 mai 2015.
7. VEKOV Géza: Computer hardware parameter classification based on automation possibilities. A case study, 9th International Conference Interdisciplinarity in Engineering, INTER-ENG 2015, Tirgu-Mures, Romania, 8-9 octombrie 2015.
8. VEKOV Géza: Multi-dimensional expansion of Algo-Rythmics, INTE 2017, International Conference on New Horizons in Education, Berlin, Germania, 17-19. iulie 2017.

Date: 18th September 2019.