

Curriculum vitae

Personal information

Name *ZOLTÁN KÁTAI*
Address BD. 1848, 58/30, TÎRGU MUREȘ, ROMANIA
Telephone 0040/365/404783 Mobil: 0040/727/370346
E-mail katai_zoltan@ms.sapientia.ro

Date and place of birth MARCH 13, 1968, ORADEA, ROMANIA

Affiliation

Associate professor, SAPIENTIA UNIVERSITY,
Faculty of Technical and Human Sciences – Tîrgu Mureș,
Department of Mathematics and Informatics

Education/Degrees

2007	<i>PhD</i>	DEBRECEN UNIVERSITY, Hungary
1992	<i>MSc in Automatics and Computer Sciences</i>	TECHNICAL UNIVERSITY, Cluj-Napoca, Romania

Employment

2014-	<i>Associate professor</i>	SAPIENTIA UNIVERSITY, Tîrgu Mureș
2012-	<i>Director Department</i>	MATHEMATICS-INFORMATICS DEPARTMENT
2007-2012	<i>Assistant Director Department</i>	MATHEMATICS-INFORMATICS DEPARTMENT
2004-2014	<i>Assistant professor</i>	SAPIENTIA UNIVERSITY, Tîrgu Mureș
2003-2004	<i>Assistant lecturer</i>	SAPIENTIA UNIVERSITY, Tîrgu Mureș
1992-2003	<i>High school teacher</i>	BOLYAI FARKAS HIGH SCHOOL, Tîrgu Mureș
1998-2002	<i>Qualified educator</i>	GABOR DENES APPLIED UNIVERSITY, Tîrgu Mureș
1996-1998	<i>Associate educator</i>	PETRU MAIOR UNIVERSITY, Tîrgu Mureș

Languages

English (medium level), Romanian (fluent), Hungarian (native)

Teaching experience

High School:

- Programming languages;
- Introduction in IT;
- Programming techniques;
- Graph theory;
- Databases;
- Numerical analysis.

University:

- C programming;
- Programming techniques;
- Graph theory;
- Computer architectures;
- Assembly programming.

Research interest

- Connections between programming techniques and graph theory.
- Technologically and artistically enhanced multi-sensory education.
- Computer assisted learning.

Member in national and international scientific and professional organizations

- John von Neumann Computer Society, Budapest, Hungary.

- Transylvanian Museum Society, Cluj-Napoca, Romania.
- Hungarian Academy of Science (external member).
- Hungarian Technical Scientific Society of Transylvania, Cluj-Napoca, Romania.
- Program committee of INFODIDACT conference (organized annually) , Hungary.
- Organizing/Program committee of MaCS international conference in Mathematics and Computer Science.
- Editorial board of Teaching Mathematics and Computer Science Journal, Debrecen, Hungary http://tmcs.math.klte.hu/Editorial_Board/editorial.html.
- Invited speaker (Modelling dynamic programming problems by d-graphs), Eötvös Loránd University, Faculty of Informatics (Scientific seminar of Departments of Algorithms and their Applications and Information Systems), 4 April 2013, Budapest.
- Invited teacher (CEEPUS program, 16 teaching hours), Eötvös Loránd University (MSc and PhD programme), 23-27 September 2013, Budapest.
- Included in Who's Who in the World 2010, Edition: 27th, ISBN10: 0837911435, ISBN13: 9780837911434, Pub. Date: 11/30/2009, Publisher(s): Marquis Who's Who.
- **2013 Best Practices in Education Award (Informatics Europe)** (<http://www.informatics-europe.org/services/curriculum-award.html>) (Zoltan Katai, Laszlo Toth and Alpar Karoly Adorjani "Multi-Sensory Informatics Education").

Scientific contribution (see the list of publications)

- PhD thesis.
- 5 textbooks.
- 36 research papers (4 in journals indexed by Thompson ISI, 15 in journals indexed in international databases, 16 in conference papers).
- 29 conference talks.
- 44 citations.
- Coordinator in 3 research grants. Member in 4 research grants.

15th of September, 2014