

# Academic curriculum vitae

## Marianna Zichar

### *Studies / academic degrees*

2015	University of Debrecen, Faculty of Informatics Habilitation degree in Informatics
2005	University of Debrecen, Faculty of Science PhD degree in Mathematics and Computer Science
1995	Kossuth Lajos University, Faculty of Science Master degree in Teaching Mathematics and Informatics

### *Trainings*

2011	Lotus XPages developer course
2010	Definitions and types of talent (R34_5) accredited training organized by Magyar Tehetségsegítő Szervezetek Szövetsége
2009	Lotus Quickr and Lotus Connections
2004	Microsoft Sales Specialist
1997	Lotus Notes R4 System Administration 1-2. Lotus Notes R4 Application Development 1-2.

### *Jobs*

	<b>University of Debrecen Faculty of Informatics</b>
2015 –	Associate professor
2009 –	Erasmus coordinator at the faculty
2007 – 2015	Assistant professor
2005 – 2007	Assistant lecturer
1995 – 2005	<b>University of Debrecen Faculty of Informatics (and its predecessor)</b> Part-time lecturer
1995 – 2005	<b>MÁV Informatika Kft. (and its predecessor)</b> Software developer

### *Teaching and academic activities*

2016	Participant at Science on Stage festival with <i>Anybody can design</i> project
2016	Workshop (3D printing in the education) at XVIII. Országos Közoktatási Szakértői Konferencia
2016	Lecturer at <b>INNOSOC 2016</b> (Zagreb) organized in the frame of Erasmus+ Strategic Partnerships (13 European partner institutions)
2015 –	Member of the Technical Program Committee at the CogInfoCom conferences
2015 –	Referee of PhD theses
2014	Lecturer and organizer of <b>SUSCOMTEC 2014</b> (Sofia) organized in the frame of Erasmus Intensive programme (13 European partner institutions)
2013	Lecturer and main organizer of <b>SUSCOMTEC 2013</b> (Debrecen) organized in the frame of Erasmus Intensive programme (14 European partner institutions, 54 students, 19 lecturers)
2013 –	Regular participants at <b>Night of Researchers</b>
2012	Lecturer and organizer of <b>SUSCOMTEC 2012</b> (Valencia) organized in the frame of Erasmus Intensive programme (13 European partner institutions)
2012 – 2014	Member of state exam board for program Business Administration and Management BA – Shared Services Expert specialization (KTK)
2007 –	Referee of proposals: OTKA, Ányos Jedlik, TDK, OTDK
2007 – 2010	Member of Educational Committee of the faculty
2006 – 2011	Member of state exam board for program Library Informatics BA
1995 –	Presentations at 23 international and 10 domestic conferences
1995 –	Lectures and labs (Diszkrét matematika I-II, Fejezetek a geometriából, Bevezetés a

térinformatikába, Térinformatika, Informatika alapjai, Adatbázis-kezelés, Adatbázisrendszerek, Adatszerkezetek, Szakági programozás, Térképek a neten, CAD rendszerek, Lotus Notes alkalmazásfejlesztés, Introduction to Computer Graphics, Databases)

## ***Research Projects***

2016	Acquiring a MakerBot Replicator 3D printer on the competition of FreeDee Ltd
2012 – 2014	Research fellow TÁMOP-4.2.2.C-11/1/KONV- 2012-0001), <i>Future Internet</i> (27 months)
2012 – 2013	Senior researcher OTKA K 100580, <i>Onomatosystematical procession of the Carpathian basin's modern toponymicon</i> (24 months)
2010 – 2012	TÁMOP 4.2.1/B-09/1/KONV-2010-0017 <i>Hungarian Toponym Registry</i>
2010	TÁMOP 4.1.2 C "Training of Trainers" project, participants (9 months)
2008	Researcher of the project of UD, Faculty of Science, Department of Physical Geography and Geoinformatics for designing the online development plan of Hajdúböszörmény (4 months)
2007	Researcher of the Ányos Jedlik project of UD Faculty of Medicine Institute of Nuclear Medicine (Development of mass production of multimodal imaging system for medical-biological research and human medical diagnostics, 4 months)

## ***Mobilities***

2015	Campus Hungary short term mobility Université de Savoie Mont Blanc (1 week)
2015	Campus Hungary short term mobility Ferris State University, USA (2 weeks)
2015	Campus Hungary long term mobility, Universitat Politècnica de Valencia (1 month)
2014	Campus Hungary short term mobility University of Milan (1 week)
2013	Campus Hungary short term mobility Vienna Technical University (1 week)
2013	Campus Hungary short term mobility University of Oradea (1 week)
2008 –	Erasmus teaching staff mobilities (1 week each): Université de Savoie, University of Oradea, Universitat Rovira i Virgili (Tarragona), Universitat Politècnica de Valencia, Hochschule für (Leipzig), Babes-Bolyai University (Kolozsvár), Jan Wyzykowski University (Polkowice)
1993	TEMPUS student scholarship for 1 month (University of Newcastle)

## ***Honors / prizes***

2016	Certificate of Appreciation from the Rector of UD
2013	Outstanding instructor of the Faculty of Informatics
2011	Certificate of Appreciation from the President of UD Center of Science, Humanities and Arts
2009	Invitation to the research laboratory of IBM in Zürich
1998	Scholarship from the Board of Trustees of Public Foundation "For the talented youngsters of Debrecen"
1995	Medallion István Hatvani
1994 – 1995	Scholarship Pro Regione

## ***Research fields***

(Geo)visualization  
Applications of network topologies  
GIS application developments  
Applications of 3D printing  
Lotus Notes application development  
Human – machine interactions

## ***Talent management***

2011 –	Supervisor of TDK (1 person)
2010 –	Supervisor at the Doctoral School of Informatics
2009 –	Supervisor of students with summer professional scholarship (4 persons)
2007	Supervisor in the program DETEP (1 person)

## ***Language skills***

English:	C1
French:	B2
German:	B2
Russian:	B2

## ***Memberships in scientific bodies***

1. Public Body of the Hungarian Academy of Sciences (2007 –)
2. John von Neumann Computer Society (2007 –)
3. Group of Talent Friends (2012 –)
4. IEEE (2013 –)