

PERSONAL INFORMATION

Judit Somogyiné Molnár PhD



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Sex female | Place/Date of birth Miskolc, 11/07/1986 | Nationality Hungarian

WORK EXPERIENCE

- 2017- **Associate professor**  
University of Miskolc  
Institute of Electrical & Electronic Engineering
- 2015-2017 **Assistant professor**  
University of Miskolc  
Department of Electrical Engineering & Electronics
- 2014 - **Research fellow**  
Hungarian Academy of Sciences – Office of Academy-supported Research Groups Affiliated with Universities and Other Institutions  
MTA-ME Geoengineering Research Group
- 2013-2014 **Assistant research fellow**  
Hungarian Academy of Sciences – Office of Academy-supported Research Groups Affiliated with Universities and Other Institutions  
MTA-ME Geoengineering Research Group
- 2011-2013 **Assistant research fellow**  
University of Miskolc  
Department of Geophysics

EDUCATION

- 2017 **Electrical engineer**  
University of Miskolc  
Qualification: Diploma with honours
- 2013 **PhD**  
University of Miskolc
- 2009 **Environmental geophysical engineer**  
University of Miskolc  
Qualification: Diploma with honours
- 2004 **High-school graduation**  
Ferenc Földes Grammar School (Miskolc)

PERSONAL SKILLS

Mother tongue Hungarian

Other languages

	LISTENING		SPEECH		WRITING
	Comprehension	Reading	Conversation	Running speech	
English	B1	B2	B2	B2	B2
Hungarian state language certificate - intermediate level C type (2003)					
German	A1	A2	A2	A2	A2
IOK PhD language exam (2012)					

Computer user skills    MATLAB, LabView, Microsoft Office tools, Golden Software programs

Driving licence        B category

#### ADDITIONAL INFORMATION

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**Taught subjects**    Electromagnetic Theory I. (BSc), Electromagnetic Theory II. (BSc), Electromagnetic Theory III. (BSc), Electrical engineering (BSc), Electrical engineering-electronics (BSc), Basics of Geoinformatics (BSc), Geoinformatics (BSc), Engineering geophysics (MSc), Chapters from continuum physics (PhD)

**Scholarships**        Pál Erdős Young Researcher Scholarship- National Excellence Program (2014)  
Campus Hungary short field trip scholarship (2013)  
Predoctoral scholarship - TÁMOP-4.2.2/B-10/1-2010-0008 (2012)  
Fellowship granted by the Republic (2005-2007)

**Honours and awards**    Award of Program Zenó Terplán of year 2016/17 (2017)  
Medal for study - bronze grade (2014)  
MAB István Szentpáli Scientific Award (2013)  
Memorial award of the Association of Hungarian Geophysicists (2013)  
Meeting of Young Scientists, theoretical category - 1st award (2011)  
Medal for study - silver grade (2007)  
Medal for study - gold grade (2006)  
Medal for study - silver grade (2005)

**Courses**                Site Management and Website Development course, Miskolc (22-30/05/2014)  
Modern methods of the interpretation of well logging data, short course, Miskolc (26-27/08/2013)  
MALA Training Course of GPR, Miskolc (07-09/12/2010)

**Projects**                TÁMOP-4.2.2.D-15/1/KONV-2015-0030 (2015)  
OTKA K109441 (2013-2015)  
TÁMOP-4.2.2.A-11/KONV-2012-0049 (2013-2015)  
TÁMOP-4.2.2.A-11/1/KONV-2012-0005 (2013-2014)  
TÁMOP-4.2.1.B-10/2/KONV-2010-0001 (2011-2012)

**Memberships**        MTA MAB Mechanical and Informatics Committee, Electrical Engineering and Information Technology Working Committee (2017-)  
X. Section of Earth Sciences - Public Board member (2013-)  
European Association of Geoscientists and Engineers - Member (2010-)  
Association of Hungarian Geophysicists - Youth Board member (2012-2014)  
Association of Hungarian Geophysicists - Board member of the Northern Hungary Chapter (2012-2015)  
Conference & Exhibition on Earth Sciences and Environmental Protection - Secretary of the Scientific Committee (2012)  
Association of Hungarian Geophysicists - Member (2010-)