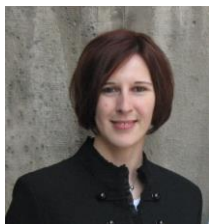


PERSONAL INFORMATION



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Skype: [fabianmargit1979](#)

Sex Female | Date of birth 25/08/1979 | Nationality Hungarian/Romanian

PROFESSIONAL JOB NAME HAS Centre for Energy Research, Environmental Physics
 ADDRESS H-1121 Budapest, Konkoly-Thege st. 29-33.
 POSITION Senior research fellow

WORK EXPERIENCE

2012 02. HAS Centre for Energy Research, researcher
 2010 – 2012 01. HAS Research Institute for Solid State Physics and Optics (Wigner Research Centre for Physics), researcher
 2008 - 2012 01. responsible person for Radiation Protection of the Department
 2003 - 2010 HAS Research Institute for Solid State Physics and Optics, junior researcher

EDUCATION AND TRAINING

2011-2012 Albert Szent-Gyorgyi College, Science Communication and Innovation Management
 2009 Ph.D. Eötvös Loránd University, Theoretical and physical chemistry, materials science program, Budapest, Hungary
 2002-2003: Master of Science, Babeş-Bolyai University, Faculty of Chemistry, Organometallic Chemistry, Cluj, Romania
 1998-2002 University Degree, Babeş-Bolyai University, Faculty of Chemistry, Chemistry-Physics, Cluj, Romania

Field of professional interest: structure study of amorphous (borosilicate and chalcogenide glasses, rare-earth molybdates) and crystalline systems, neutron- and X-ray diffraction, RMC simulation, management and storage of high-level radioactive waste

Languages
 Mother tongue(s)
 Other language(s)

		UNDERSTANDING		SPEAKING		WRITING
		Listening	Reading	Spoken interaction	Spoken production	
Hungarian						
English		B2 independent user	B2 independent user	B1 independent user	B1 independent user	B1 independent user
		Replace with name of language certificate. Enter level if known.				
Romanian		C2 proficient user	C2 proficient user	C2 proficient user	C2 proficient user	C1 proficient user

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

PERSONAL SKILLS

Communication skills	Communication and organizational skills, using these undertake roles on the following organizations: 2010-2015 Roland Eötvös Society of Physics, Diffraction Committee Secretary 2011-2015 Roland Eötvös Society of Physics, Member of Supervisory Board 2013 - Budapest Neutron Centre, Press & Public Relation 2015 - Roland Eötvös Society of Physics, Member of the Board 2015 - Roland Eötvös Society of Physics, Diffraction Committee President 2016 – Hungarian Nuclear Society, Secretary
Organisational skills	Organisational experience: 2011 Roland Eötvös Society of Physics, Autumn School on Material Science, Visegrád 2012 Centralsync School on Synchrotron Radiation Methods and their Applications in Earth Science, Mátrafüred 2012 Roland Eötvös Society of Physics, Autumn School on Material Science, Mátrafüred 2012- 2015 Central European Training School on Neutron Scattering, Budapest - co-organization 2014 Albert Szent-Gyorgyi Community for Science, Science Day for the Transcarpathian Youths 2015, 2016 Physics for everyone! – national events – organizer 2015 Design and Engineering of Neutron Instruments Meeting - international meeting - organizer
Job-related skills	I'm the instrument scientist of the two-axis neutron diffractometer (called PSD), which is operated in the frame of the Budapest Neutron Centre. Thanks to a recent successful tender, we build a new sample environmental cell to the PSD diffractometer, where we can study different materials under 'extreme' conditions (high temperature and high pressure). Designed my own ideas.
Computer skills	Competent with most Microsoft Office programmes and CorelDRAW. Experience with dedicated professional programs: Reverse Monte Carlo simulation program, Mantid, Jana, PDFgui and XDB programs for data evaluation of experimental measurements. Web-page construction exp. www.bnc.hu , www.afizikamindenkie.hu
Other skills	Design and compilation of educational and professional brochures. Exp: Budapest Neutron Centre brochure in Hungarian and English language
Driving licence	B

ADDITIONAL INFORMATION

- Publications** Detailed List of Publications in MTMT database, with ID: 10013934
or in: <https://vm.mtmt.hu/search/slist.php?lang=0&AuthorID=10013934>
- Projects** OTKA-PD “Preparation, structural studies and optimisation of borosilicate glasses for HLW storage applications” – project leader
“Analysis of basalts from Poland for the potential purpose of radioactive wastes storage matrices” – project leader
BrightnESS - WP6 - Collaboration Building, Communication and Dissemination, South East Hub Coordinator
BAS-HAS bilateral cooperation „Local and long range atomic structure study of multifunctional materials by neutron diffraction and modelling” – participant
- Trainings** 2014: Radiation Protection qualification (nr. BF04/2014)
2013: Training Course on Fundamentals of Geological Disposal, Fellowship from IAEA
2008: Central European Training School on Neutron Scattering
- Memberships** 2010 - American Crsystallographic Association
2009 - Hungarian Nuclear Society
2004 - Diffraction Committee of the Roland Eötvös Society of Physics
2004 - Synchrotron Neutron Com. of the Roland Eötvös Society of Physics
2003 - Hungarian Glass Society