

PERSONAL INFORMATION

Miklós Hoffmann



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Sex male **Date of birth** March 20, 1966 **Nationality** Hungarian **Family** married with two children

WORK EXPERIENCE

2018 - present

full professor

University of Debrecen, Hungary

2016 - present

full professor, head of institute

Eszterházy Károly University, Eger, Hungary

2002-2016

associate professor

Eszterházy Károly University, Eger, Hungary

2001-2002

researcher (Marie Curie Fellow)

University Joseph Fourier, Grenoble, France

1997-2001

assistant professor

Eszterházy Károly University, Eger, Hungary

1990-1997

assistant professor

University of Debrecen (formerly Kossuth Lajos University), Debrecen, Hungary

DEGREES

2016

Academic Doctorate (DSc) of the Hungarian Academy of Science

Hungarian Academy of Science, Budapest, Hungary

2006

Habilitation

University of Debrecen, Debrecen, Hungary

1998

PhD

University of Debrecen, Debrecen, Hungary

1995

Master degree (English-Hungarian Scientific Translator)

Kossuth Lajos University, Debrecen, Hungary

1990

Master degree (Teacher of Mathematics, Descriptive Geometry and Computer Science)

Kossuth Lajos University, Debrecen, Hungary

EDUCATIONAL EXPERTISE

Participation in quality review, evaluation and assessment procedures in the following programmes (international and national)

- 2016 - present **The Hungarian Government**
Programmes: Development and Innovation Operative Programme; Competitive Central Hungary Operative Programme (support for R&D activities of SMEs)
- 2016 - present **COST (European Cooperation in Science and Technology)**
Programme: Call OC-2016-1, OC-2017-1, OC-2018-1, OC-2019-1
- 2014 - present **REA (Research Executive Agency, EC, Brussels)**
Programmes: Horizon 2020 MSCA Programme, COFUND Programme, Science with and for Society programme, ICT Smart Digital Content Programme
- 2009 - present **Educational Authority of the Hungarian Government**
Programmes: Scientific evaluation of TVET and secondary school student books and teaching materials; Content development of Digital Student Library; Assessment of Hungarian Development Programme of Life-Long Learning; Development of training-of-trainers system in secondary education
- 2006 - present **EACEA (Education, Audiovisual and Culture Executive Agency, EC, Brussels)**
Programmes: ICT in Education, Life Long Learning Programmes, Joint Doctorate Programme, Joint Master Programme, External Cooperations and Partnerships, Forward Looking Cooperation Programme, Widespread-Twinning Programme; Monitoring the implementation of actions under the Erasmus Plus programme
- 2005 - present **TEMPUS Foundation of the Hungarian Government**
Programmes: VET programme development and assessment, Credit mobility, Strategic partnerships
- 2017 **Centre for quality assessment in higher education, Lithuania**
Programme: accreditation of Mathematics and Computer Science BSc and MSc programmes in several universities in Lithuania
- 2010 **Ministry of Science, Education and Sports of the Republic of Croatia**
Programme: assessment of national research projects
- 2010 **Serbian Ministry of Science and Technological Development, Serbia**
Programme: assessment of national research projects
- 2005-2008 **CEEPUS Foundation**
Programme: Central European exchange program for university studies
- 2006-2008 **Hungarian National Office for Research and Technology**
Programme: various national research programmes

EXPERIENCE IN HIGHER EDUCATION

- since 2018 **Accreditation procedure of Bachelor and Master programs in Hungary**
Member of the Hungarian Accreditation Committee
- since 2014 **Development of Quality Assurance System in Teacher Training**
Eszterházy Károly University, Hungary
- since 1997 **Curriculum development, capacity building**
Development and competency-based improvement of study programmes at Eszterházy Károly University
Supporting the introduction of the Bologna system education levels at Eszterházy Károly University
Co-development of Primary School Teacher BA, Pre-School Teacher BA at Eszterházy Károly University
- since 1990 **Teaching in Higher Education**
Courses taught in the following study programmes at Eszterházy Károly University and University of Debrecen: Mathematics BSc, MSc, Computer Science BSc, MSc (also in English), Economy BA, Primary School Teacher BA; Pre-School Education BA, Teacher of Mathematics MA, Teacher of Computer Science MA
- Supervising BSc and Master theses (1-3/year since 1990)
Supervising PhD (3 awarded, 5 ongoing)

LONG TERM VISITS

- 2018 **University of Ljubljana, Slovenia (1 month, research)**
- 2012 **University of Valencia, Spain (3 months, research)**
- 2007 **University of Split, Croatia (6 months, teaching)**
- 1997 **Karl-Franz University of Graz, Austria (3 months, research)**
- 1995 **University of Padova, Italy (6 months, research)**
- 1991 **Catholic University, Nijmegen, The Netherlands (6 months, research)**

PERSONAL SKILLS

Mother tongue Hungarian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	A2	A2	A2	A2	A2

More than 100 publications with more than 450 independent citations

(full list available at <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10000167>)

More than 40 talks in international conferences**10 relevant publications from the last 5 years:**

- Hoffmann, M.: Science as a human vocation and the despondency of AI-based scientific discovery, *Hungarian Philosophical Review*, 2019 (submitted)
- Hoffmann, M., Kicsak, L.: Mathematics as a performative mind game (in Hungarian), *Hungarian Philosophical Review*, 2019 (submitted)
- Arató, F., Árvai-Homolya, Sz., Bagota, M., Makó Z., Dobróné Tóth M., Egri, S., Eisner, T., Geda, G. Hoffmann, M., Juhász, T., Olahne Teglasi, I.: Concept of a logic-based primary school study program, Eger, Líceum Press 2018, 68 p.
- Nagy, F., Kunkli, R., Hoffmann, M.: New algorithm to find isoptic surfaces of polyhedral meshes, *Computer Aided Geometric Design* 64 (2018), 90-99
- Wiersumné Gyöngyösi E., Geda, G., Hollóné Bódi K., Hoffmann, M., Szávin, M., Sarlós, E., Oláhné Téglási I., Troll, E., Sitkuné Görömbei C., Kovács, Z.: Methodological toolbox of the logic-based primary school study program (in Hungarian), Eger, Líceum Press, 2018, 98 p.
- Petz, T., Hoffmann, M.: The development of mathematical competences in Hungarian teacher training education, *Annales Mathematicae et Informaticae*, 47, 243-251. 2017
- Hoffmann M.: How to measure spatial abilities and what are the consequences, *Studia Sci. Fac. Paed. Univ. Cath.* 15, 96-101, 2016
- Hoffmann M, Montere J, Troll E: Blending of spheres by rotation-minimizing surfaces, *Journal for Geometry and Graphics* 19, 189-200, 2015
- Milić, N., Hoffmann, M., Tómacs, T., Novaković, D. Milosavljević, B.: A content-dependent naturalness-preserving daltonization method for dichromatic and anomalous trichromatic colour vision deficiencies, *Journal of Imaging Science and Technology*, 59, 10504-1-10504-10, 2015
- Hoffmann, M., Juhász, T., Taskó, T.: Radio Frequency Identification from the viewpoint of students of computer science, *Teaching Mathematics and Computer Science*, 12 (2014) 241-250.

- Peter Kiss Award (2017)
- Lyceum Pro Scientiis Award (2010)
- Hungarian Academy of Science Bolyai Fellowship (2008-2011)
- Eszterházy Memorial Award for Excellence in Teaching (2008)
- Strommer Award (2005)
- Békésy Postdoctoral Fellowship (2002-2005)
- Hungarian Academy of Science Scientific Award (2001)