Dr. Habil. Miklós Kuczmann's Curriculum Vitae

Dr. Habil. KUCZMANN Miklós, PhD
MSc in Electrical Engineering
Associate Professor

Personal information
Place and date of birth: Kapuvár, 31st May 1977
Nationality: Hungarian
Job: "Széchenyi István" University, Faculty of Engineering Sciences, Department of Telecommunications
Phone: (+36) 96/613-641 (laboratory: 3336)
Email: kuczmann@maxwell.sze.hu
Website: http://maxwell.sze.hu

Studies

2000-2004	PhD student, Budapest University of Technology and Economics, Department of Broadband Infocommunications and Electromagnetic Theory
1998-2000	Student lecturer, Budapest University of Technology and Economics, Department of Electromagnetic Theory
1995-2000	Budapest University of Technology and Economics, Faculty of Electrical Engineering and Informatics
1991-1995	"Handler Nándor" Secondary School, Sopron

Awards

2010	Hungarian Academy of Sciences, "Excellent young scientist"
2009	Hungarian Academy of Sciences, Medallion of "Bolyai János" Postdoctoral Scholarship
2009	Hungarian Academy of Sciences and Academic Press, Award for the book „The Finite Element Method in Magnetics"
2009	Prize for Publication, "Széchenyi István" University
2009	Award for the book "The Finite Element Method in Magnetics" from the University of Pécs
2006	Prize for Publication, "Széchenyi István" University
2006	Hungarian Academy of Sciences, "The best PhD dissertation"
2006	Hungarian Academy of Sciences "Bolyai János" Postdoctoral Scholarship for 3 years
2003	Literati Club, "Higly Commended Award" for the paper „M. Kuczmann, A. Iványi, Neural Network Model of Magnetic Hysteresis, *Compel*, vol.21, no.3, 2002, pp. 364-376"
2002	"The best PhD student" "Simonyi Károly" Scholarship
2000	SIEMENS Scholarship for diploma thesis, Prize of the Hungarian Electrotechnical Association for diploma thesis
1999	TDK 2nd prize, Prize of the Scientific Association for Infocommunications
1998	TDK 3rd prize

Visiting researcher

2009	Iasi, Romania, "Alexandru Ioan Cuza" University, Department of Physics
2004	Helsinki, Finland, Helsinki University of Technology
2001	Toyama, Japan, Tateyama
2000	Toyama, Japan, Tateyama

Lectures
Fundamentals of Electrotechnics, Electrodynamics, Signals and Systems, Simulation techniques, Design of Antenna Systems

Project leader
2011, Computer aided design in the solution of electromagnetic field problems, "Széchenyi István" University, Main Research Field (15-3210-02), 850.000 HUF.
2010, Computer aided design in the solution of electromagnetic field problems, "Széchenyi István" University, Main Research Field (15-3210-02), 1.000.000 HUF.
2009, Computer aided design in the solution of electromagnetic field problems, "Széchenyi István" University, Main Research Field (15-3210-02), 1.000.000 HUF.
2008, The finite element method in engineering simulations, Hungarian Scientific Research Fund, OTKA PD-73242-ELE, 2 év, 4.704.000 HUF.
2008, Computer aided design in the solution of electromagnetic field problems, "Széchenyi István" University, Main Research Field (15-3210-02), 1.000.000 HUF.
2008, Simulation and measurement of electromagnetic fields in full anechoic chamber, "Széchenyi István" University, Postdoctoral Research Field (15-3210-02), 800.000 HUF.
2008, General hysteresis modelling and its application in finite element procedures, Hungarian-Romanian Bilateral Affair (OMFB-00725/2008, RO-46/2007), 2 years, 2.920.000 HUF.
2007, Computer aided design in the solution of electromagnetic field problems, "Széchenyi István" University, Main Research Field (15-3002-51), 1.000.000 HUF.
2007, Simulation and measurement of electromagnetic fields in full anechoic chamber, "Széchenyi István" University, Postdoctoral Research Field (15-3002-57), 750.000 HUF.

Membership
Editorial Board of Pollack Periodica
Hungarian Academy of Sciences, Committee of Electrotechnics
Executive Editor of the Acta Technica Jaurinensis
Head of the Laboratory of Electromagnetic Fields, “Széchenyi István” University
Head of the Radio Frequency Test Laboratory, “Széchenyi István” University
Member of the Local Organising Committee of The 5th Hysteresis and Micromagnetic Modeling (HMM) 2005 conference (30th May 2005-1st June 2005, Budapest)
Member of the Editorial Board of The 12th Biennial IEEE Conference on Electromagnetic Field Computation (CEFC) conference (30th April 2006-3rd May 2006, Miami, USA), IEEE Transactions on Magnetics, Vol. 43, No. 4, 2007
Member of the Editorial Board of the COMPUMAG conferences
Member of the International Scientific Committee of the Symposium on Applied Electromagnetics (SAEM) conference

Languages
English
German

Győr, 21st August 2011