

Prof. Dr. KUCZMANN Miklós' Curriculum Vitae

Prof. Dr. habil. KUCZMANN Miklós, DSc, PhD
MSc in Electrical Engineering
Full Professor, Head of Doctoral School (Multidisciplinary Doctoral School of Engineering)



Scientific degrees

Doctor of Sciences, Hungarian Academy of Sciences	2015
Dr. habil.	2011
PhD	2005

Teaching and management positions

2021-	Head of Doctoral School, Széchenyi István University Multidisciplinary Doctoral School of Engineering
2015-2020	Dean, Széchenyi István University Faculty of Mechanical Engineering, Informatics and Electrical Engineering
2011-2016	Head of Department, Széchenyi István University Department of Automation
2012-	Full Professor
2005-2012	Assistant Lecturer, Assistant Professor, Associate Professor Széchenyi István University, Department of Telecommunications

Personal information

Place and date of birth: Kapuvár, 31st May 1977

Nationality: Hungarian

Job: Széchenyi István University,

AUDI Hungaria Faculty of Vehicle Engineering, Department of Power Electronics and E-drives

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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

2024	Hungarian Academy of Engineering, Member
2023	Distinguished Professor, Széchenyi István University
2022	Outstanding Organizer Award, National Association for Student Research
2018	Best Paper Award, 6th European Seminar on Computing, ESCO2018
2016	Researcher of the year, Hungarian Academy of Sciences
2015	Gold Medal for Master Teacher, National Association for Student Research
2013	Excellent OTDK thesis leader, Széchenyi István University
2011	Prize for Publication, Széchenyi István University
2011	Pro Scientia, National Association for Student Research
2011	Golden 1 Pollack, University of Pécs, Pollack Mihály Faculty of Engineering and Informatics
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 Magnetism”
2009	Prize for Publication, Széchenyi István University
2009	Award for the book "The Finite Element Method in Magnetism" 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 Literati Club, "Highly Commended Award" for the paper
2003	„M. Kuczmann, A. Iványi, Neural Network Model of Magnetic Hysteresis, <i>Compel</i> , vol.21, no.3, 2002, pp. 364-376”
2002	"The best PhD student"

2000 "Simonyi Károly" Scholarship
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

2017 Helsinki, Finland, Aalto University
2014, 2015 Plzen, Czech Republic, University of West Bohemia (Erasmus)
2012 Leipzig, Germany, Deutsche Telekom - Hochschule für Telekommunikation (Erasmus)
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 and Research Field

Fundamentals of Electrotechnics, Electrodynamics, Signals and Systems, Control Theory, Digital Control, Simulation techniques, Modeling, Finite Element Method, Electric Machines (BSc, MSc, PhD)

Membership

Vice-Chairman of the National Association for Student Research, Technical Science Committee (2024-)
Member of the Hungarian Academy of Engineering (2024-)
Chairman of the Scientific Committee on Electrical Engineering of the Hungarian Academy of Sciences (2021-),
Secretary of the Scientific Committee on Electrical Engineering of the Hungarian Academy of Sciences (2015-2021),
Hungarian Academy of Sciences, Non-academic Member of the Assembly (2019-2025)
Member of the Hungarian Rectors' Conference, Technical Sciences Committee (2015-2020), Chair in the academic year 2016/17
Member of the Expert Group on Computer Science and Electrical Engineering, Hungarian Scientific Research. Fund (2016-2019)
Member of the Bolyai János Research Scholarship College
Member of the editorial board of the international journal Pollack Periodica
Member of the international committee of the Hysteresis and Micromagnetic Modeling (HMM) conference series
Széchenyi István University, elected member of the Senate (2014-2018)
Széchenyi István University, Member of the University Doctoral Council (2021-)

Languages

English (intermediate)
German (passive)
Chinese (HSK1, hobby)

Győr, 1 January 2025