

LAJOS NAGY

Phone: 0036-30-2444304
nagy@hvt.bme.hu

Mailing Address
Budapest, Egry József utca 18. H-1111

POSITION

Associate Professor (Habil),
Head of the Dept. of Broadband Infocommunications and Electromagnetic Theory (from
2007 to 2020)

EDUCATION

Habilitation Budapest University of Technology and Economics, 2015
Dissertation: “*Effective Spectrum Usage – Antennas and radio network design*”

PhD Budapest University of Technology and Economics, Electrical Engineering 1997
Dissertation: “*Rotationally Symmetric Broadband Antenna Analysis*”
487-PhD

Candidate of Hungarian Academy of Science 1995
Dissertation: “*Rotationally Symmetric Broadband Antenna Analysis*”

Diploma Budapest University of Technology and Economics, Electrical Engineering 1986
Thesis: “*Analysis of Radio Direction Finders*”

HONORS AND AWARDS

Title of Award 2000-2004
Széchenyi Award (Hungarian Academy of Science)

Title of Award 1998-2000
Bolyai Award (Hungarian Academy of Science)

Title of Award 2007, 2012
Pollák - Virág Prize (Best Paper Award of Journal on Communications)
Deterministic Indoor Propagation Models
Classical and Quantum Genetic Optimization Applied to Coverage Optimization for
Indoor Access Point Networks

Title of Award 1996
Young Scientist Award, Lille URSI General Assembly

Title of Award 1995
Young Scientist Award, St. Petersburg URSI Electromagnetic Theory Symposium

Title of Award 1990

Young Scientist Award, Praga URSI General Assembly

Title of Grant

1995-98

OTKA F015997 (Hungarian) Urban Wave Propagation Models

TEACHING EXPERIENCE

Name of University, Budapest University of Technology and Economics 1998-2019
Associate Professor, Department of Broadband Infocommunications and Electromagnetic Theory

- Antennas and Wave Propagation,
- Radio Access Network Design and Optimization,
- Satellite and Mobile Communications,
- Computer Programming,
- Numerical Methods in Electromagnetic Field Theory,
- Telecommunications
- System Theory
- High Frequency Systems

Doctoral Students Advised

Zoltan Sandor, “Radio Wave Propagation Modeling for outdoor and indoor”, 2001

PROFESSIONAL SERVICE AND MEMBERSHIP

Organization IEEE

Chair of the IEEE Chapter AP/ComSoc/ED/MTT/EMC

Organization URSI

Chair of the URSI Hungarian Committee,
Official Hungarian Representative of URSI Commission C

LANGUAGES

English: Good, Intermediate Exam 1992, (No. 071507)

German: Very Good, Intermediate Exam 1985, (No. 056498)