LÁSZLÓ SZŰCS

PERSONAL INFORMATION

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QUALIFICATION

1977 - 1982 Technical University of Budapest, Faculty of Electrical Engineering
Course in Microwave Telecommunications

WORKPLACE

1982- Budapest University of Technology and Economics (BME),
Department of Broadband Infocommunications and Electromagnetic Theory

LANGUAGE

English: basic

RESEARCH ACHIEVEMENT

-Design of antennas, antenna systems
-Development and measure technology of high frequency absorbers
-EMC qualifying measurements
-EMC extension course
-Radio Frequency Measurement Technology Education
-EMC RFI Knowledge Education
-RF system design
-WPT equipment design
-MRI coil design

OTHER ACTIVITY

Professional Authorites:
-MTESZ Association of Communication engineering 358/1994
-Ministry of Industry and Trade Wsz 100/1996
-Driving licence, cat. „B”

ASSORTED PUBLICATIONS

- Scultéty, Lénárt, Szűcs, Gézárt: Számitógép hálózatok zavar és adatvédelme
DEC Hungary Co., 1994.
- Németh, Szűcs ,dr. Nagy: Compact MIMO Antenna Design
12th Microcoll Conference 2007
-Babits ,Szedenik , Kiss ,Szűcs, Lénárt , Berta :
Mobil kapcsolóközpontok primer és szekunder villámvédelme
Híradástechnika 62. évf. 5. sz. / 2007
-Z.Á. Tamus, B. Németh, B. Novák, A. Kimpián, I. Kiss, L. Szűcs, I. Berta:
Examination of Electric Field Exposure of Live Line Workers.
In: Proc. of 17th International Symposium on High Voltage Engineering: ISH 2011. Hannover, Németország, 2011.08.22-2011.08.26. Hannover: pp. 1-5. Paper G-033.
-S Gyimóthy, S Bilicz, J Pávó, L Tóth, G Varga, L Szucs
Field computational aspects of wireless power transfer
Proc. IGTE Symp., 1-6 2014.
-S Gyimóthy, S Bilicz, J Pávó, L Tóth, G Varga, L Szucs
Field computational aspects of wireless power transfer
Proc. IGTE Symp., 1-6 2014.
-Levente Dudás, László Szűcs, dr. András Gschwindt
The Spectrum Monitoring System of Smog-1 Satellite
Microwave and Radio Electronics Week Pardubice, MAREW 2015
-T Pető, S Bilicz, L Szűcs, S Gyimóthy, J Pávó
The Radar Cross Section of small propellers on Unmanned Aerial Vehicles
Antennas and Propagation (EuCAP), 2016 10th European Conference on, 1-4

REFERENCE

- Development and Design of Short Wave Directional Antenna System (BME - HTV 1983)
- Development and Measurement Techniques for Radio Frequency Reflection Materials (BME-HTI 1988)
- NASA dosimeter (PILLE) EMC measurement (BME - KFKI - NASA 2000)
- EMC Vocational Training Courses (ÉDÁSZ, Philips, Elcoteq, AUDI, Bosch 2000-2014)
- BME Engineer Training Institute Courses (EMC, Explosion Safety 2006-2022)
- Disturbance measurements, expertise (Telenor, Tmobil, MVM Zrt, MOL, Paks Nuclear Power Plant Ltd., Siemens, BKV Zrt. M2-M4, Chinoin Rt., Gedeon Richter Plc. 1998-2015)
-UAV radar effective cross-section (AMKMA 2015)
-MRI RF coil development (Mediso. 2016-2019)