

Personal Data

Name **Dr. Simon Csaba**

Phone

Fax

E-mail simon@tmit.bme.hu

Nationality Hungarian

Experience

2019-
Position **Associate Professor**
Main activities Teaching, R&D project activities
Employee Dept. of Telecommunications and Media Informatics, Budapest University of Technology and Economics

2012- 2019
Position **Assistant Professor**
Main activities, Teaching, R&D project activities
Employee Dept. of Telecommunications and Media Informatics, Budapest University of Technology and Economics

2001-2012
Position **Researcher**
Main activities Participating in R&D projects, teaching
Employee Dept. of Telecommunications and Media Informatics, Budapest University of Technology and Economics

Education

PhD studies 1997-2000
Phd Thesis: „Scalable Quality of Service Solutions for IP Networks and Services”, 2012
Doctoral School of Informatics, Faculty of Electrical Engineering and Informatics
Budapest University of Technology and Economics

Graduate studies 1992-1997
MSc, Software engineer
Technical University of Timisoara, Romania

Awards, Grants

Erdős Pál Young Scientist Research Grant, 2014 (6 months)
„Network Coding based caching of media flows in access networks”

Gold Badge, Scientific Association for Infocommunications (HTE), 2017
For organising national conferences and supporting international relations

Pollák-Virág Award, Scientific Association for Infocommunications (HTE), 2016.
„5G Network Architectures”

Successful Young Teacher Award, 2006
Dept. of Telecommunications and Media Informatics, Budapest University of Technology and Economics
For teaching the course on "Peer-to-peer Networks"

Best Student Paper Award, 3rd IEEE International Conference on Mobile and Wireless Communications Network (MWCN 2001), IEEE MWCN Technical Committee, 2001 August

Hungarian Grant Council,
Hungarian Ministry of Education, 2000 (3 months)
Postgradual research grant

Nippon Telegraph and Telephone Co. (NTT), Japan
Research grant (1998-1999, 6 months)
„Self-sizing Networks – Simulations Based on On-line Traffic Measurements”

Hungarian Grant Council,
Hungarian Ministry of Education, 1997-2000 (3 years)
PhD grant

Research projects

1. Ambient Networks

Wireless World Initiative-Ambient Networks

EU FP6 IP project IST-2002-507134 and IST-2005-027662

2004. 01. – 2005. 12. and 2006. 01. – 2007. 12.

http://cordis.europa.eu/fetch?ACTION=D&CALLER=PROJ_IST&QM_EP_RCN_A=71236

http://cordis.europa.eu/search/index.cfm?fuseaction=proj.document&PJ_RCN=9152000

2. MIND

Mobile IP based Network Developments

EU FP5 IP project IST-2000-28584

2001.06.-2002.11.

http://cordis.europa.eu/search/index.cfm?fuseaction=proj.document&PJ_RCN=5103709

ftp://ftp.cordis.europa.eu/pub/ist/docs/ka4/mob_mind.pdf

3. OverDrive

Spectrum Efficient Uni- and Multicast Services over Dynamic Multi-Radio Networks in Vehicular Environments

EU FP6 IP IST-2001-35125

2002.04. - 2004.03.

ftp://ftp.cordis.europa.eu/pub/ist/docs/ka4/mob_overdrive.pdf

4. TIGER II

Together IP, GMPLS and Ethernet Reconsidered – II

CELTIC initiative, part of the EUREKA cluster: CP5-024

2009.01.-2010.05.

<http://projects.celtic-initiative.org/tiger2/>

5. EFIPSANS

Exposing the Features in IP version Six protocols that can be exploited/extended for the purposes of designing/building Autonomic Networks and Services

EU FP7 IP: INFOS-ICT-215549

2008.01.-2011.03.

<http://www.efipsans.org/>

6. MobilVideo

MobilVideo – Live video content for social community based services

Hungarian National research grant NKFP_07_A2 (2007) 12LVGS07

2008.02.-2011.12.

<http://mobil.video.hu/>

7. P2P streaming with network coding

EIC ICTLabs project

Smart content delivery and storage for mobile networks with network coding

2012.01.-2012.12.

<http://hsnlab.tmit.bme.hu/EIT-ICT-Labs-peertopeer>

8. 5GEx

5G Exchange - EU Horizon2020 project: H2020-EU.2.1.1.3.-197346
2015.- 2016.

<http://www.tmit.bme.hu/5gex>, http://cordis.europa.eu/project/rcn/197346_en.html

9. Industrial Cloud

Optimal Cloud, an Ericsson Research-BME/HSNLab joint research project
2015. – 2018

10. 5G research and development project, technical lead at the BME
Hungarian National Grant 2018-1.3.1-VKE-2018-00005

„Ericsson - BME 5G joint research and development collaboration”
2019-2021

<https://www.hsnlab.hu/research/6g>

11. Edge network research

Ericsson-BME R&D Cooperation - joint research project
2021-2023

Languages, Publications

Languages English (advanced level)
 Romanian (advanced level)

Publications List Available from: <https://vm.mtmt.hu/search/slist.php?lang=0&AuthorID=10030436>