

# Curriculum Vitae

Prof. Dr. Gábor Lencse

## Education

- 1989 – 1994 5 year Master course, Technical University of Budapest, Faculty of Electrical Engineering and Informatics, Master of Engineering degree in information technology with excellent qualification
- 1994 **guest student**, Dept. of Technical Informatics, Delft University of Technology, Delft, Netherlands (one month)
- 1994 – 1997 PhD student, Doctoral School of Informatics, Technical University of Budapest (Department of Telecommunications)
- 2001 Budapest University of Technology and Economics, **PhD** awarded, cum laude

## Professional milestones, positions, employers

- 1997 – 1999 assistant lecturer (college), Department of Telecommunications, Széchenyi István College
- 1998 – 2008 participant, research projects of Ellassys Consulting Ltd.
- 1999 – 2001 senior lecturer (college), Department of Telecommunications, Széchenyi István College
- 2001 – 2002 associate professor (college), Department of Telecommunications, Széchenyi István College
- 2001 – 2007 member, Library Council, Széchenyi István University
- 2002 – 2019 **associate professor (university)**, Department of Telecommunications, **Széchenyi István University**
- 2002 – 2009 head of specialization, *information and communication technology specialization*, Electrical Engineering, Széchenyi István University
- 2003 – 2004 lecturer, at Révkomárom, BSc in Information Technology, organized by BUTE
- 2005 – **senior research fellow**, part time (50%), **Dept. of Networked Systems and Services, Budapest University of Technology and Economics**
- 2006 – lecturer, Doctoral School of Multidisciplinary Engineering Sciences, Széchenyi István University
- 2007 – 2014 responsible for quality control issues, Department of Telecommunications, Széchenyi István University
- 2009 – head of specialization, *info-communication specialisation*, Electrical Engineering, Széchenyi István University

- 2011 – **supervisor**, Doctoral School of Multidisciplinary Engineering Sciences, Széchenyi István University
- 2013 **habilitation**, Multidisciplinary Doctoral School of Engineering Sciences, Széchenyi István University
- 2015 – **core member**, Doctoral School of Multidisciplinary Engineering Sciences, Széchenyi István University
- 2015 Publishing a book about IPv6 transition technologies (with two co-authors)
- 2017 **guest researcher, Laboratory for Cyber Resilience, Nara Institute of Science and Technology, Japan** (June 15. – December 15.)
- 2018 – editor, Acta Technica Jaurinensis <https://acta.sze.hu/index.php/acta/profile/id62>
- 2019 – **professor (university)**, Department of Telecommunications, **Széchenyi István University**
- 2019 – 2023 programme leader, *Electrical Engineering*, Széchenyi István University
- 2019 **guest researcher, IIJ Innovation Institute, Tokyo, Japan** (April 2. – July 2.)
- 2022 **guest researcher, IIJ Research Laboratory, Tokyo, Japan** (September 15. – December 15.)

## Research Grants and R&D contracts

- 1998 individual applicant, Felsőoktatási Programfinanszírozási Pályázat (name of the research grant for Hungarian higher education), “*Investigation of the Output Interface Algorithms of the Statistical Synchronisation Method*”
- 2001 – 2002 project leader, 2000/B MEH-IKB grant, establishing the *Info-communications Education and Research Laboratory* of the Dept. of Telecommunications, Széchenyi István University
- 2011 – 2012 **project leader, R&D project of the Dept. of Telecommunications for Telenor Hungary Zrt. titled: “IPv6 deployment strategy for Telenor Hungary”**
- 2012 project leader, research project financed by the Multidisciplinary Doctoral School of Engineering Sciences, Széchenyi István University, titled: “*Investigation of the Fault Tolerance of IP Multicast Routing Protocols*”
- 2012 project leader, research project financed by the Multidisciplinary Doctoral School of Engineering Sciences, Széchenyi István University, titled: “*Creation and Performance Analysis of a Heterogeneous Computing Environment*”
- 2012 – 2014 participant, research project *TÁMOP-4.2.2.C-11/1/KONV-2012-0012: “Smarter Transport” – IT for co-operative transport*”, investigation of IPv6 transition technologies.
- 2021 – 2022 **project leader, research project financed by the Digital Development Center, Széchenyi István University, titled: “Research on RFC 8219 Compliant Network Testers for the 464XLAT IPv6 Transition Technology”**

## Scholarships

- 1997 – 1998 scholarship of UNIVERSITAS – GYŐR Foundation for finishing my PhD (1 year)
- 2001 – 2002 Postdoctoral scholarship of the UNIVERSITAS – GYŐR Foundation (1 year)
- 2002 – 2005 **János Bolyai Research Grant, Hungarian Academy of Sciences** (3 years)
- 2017 **Rank „A” Foreign Guest Researcher grant, NICT** (National Institute of Information and Communications Technology), **Japan, 6 months**
- 2019 **Rank „B” Japan Trust International Research Cooperation Program, NICT** (National Institute of Information and Communications Technology), **Japan, 3 months**
- 2022 **Rank „A” Japan Trust International Research Cooperation Program, NICT** (National Institute of Information and Communications Technology), **Japan, 3 months**

## Awards

- 2001 **Publication award** (journal paper), Scientific Council of the Széchenyi István College, G. Lencse, “Traffic-Flow Analysis for Fast Performance Estimation of Communication Systems”, *Journal of Computing and Information Technology*, vol. 9, no. 1, (March 2001.) pp. 15-27.
- 2013 **Publication award** (conference paper), Scientific Council of the Széchenyi István University, G. Lencse and S. Répás, “Performance Analysis and Comparison of Different DNS64 Implementations for Linux, OpenBSD and FreeBSD”, *Proc. IEEE 27th International Conference on Advanced Information Networking and Applications (AINA 2013)*, (Barcelona, Spain, March 25-28, 2013.) IEEE Computer Society, pp. 877-884. DOI: 10.1109/AINA.2013.80

## Participation in the International and Domestic Scientific Events and Societies

I delivered conferences lectures in the following towns (from 1995 to 2015 in the following order): Prague, Passau, San Diego, Nottingham, San Francisco, San Diego (second time), Berlin, Paris, Porto, Toulouse, Delft, Malta, Le Havre, Budapest, Essen, Rome, and finally Prague again. Many times, I also served as session chair, too.

I served as a General Conference Chair of the *2010 Industrial Simulation Conference* of EUROSIS and also lead round-table discussion. For more information on the conference, see: <http://www.eurosis.org/cms/?q=node/1102>

I am currently a member of:

- IECE (Institute of Electronics, Information and Communication Engineers), Japan

I was a member of the following organisations for many years:

- IEEE Hungary Section, IEEE Communications Society, IEEE Computer Society
- Society for Computer Simulation
- Scientific Association for Infocommunications (HTE, I was also a secretary of the local organisation in Győr)

## **Publication links**

List of publications (with full text): <http://www.hit.bme.hu/~lencse/publications/>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6508061114>

Google Scholar: <https://scholar.google.com/citations?hl=en&user=bBgB068AAAAJ>

Web of Science: <https://www.webofscience.com/wos/author/record/2043581>

ORCID: <https://orcid.org/0000-0001-5552-3237>

MTMT: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&view=simpleList&sel=10026700>

Győr, February 10, 2024.



Dr. Gábor Lencse