



Personal data:

Name Balázs Horváth Ph.D.
Place and date of birth Győr (Hungary), 28th April 1974.

Education:

1992 – 1997 Technical University of Budapest; Faculty of Transportation
Specialisation for urban transport
1996/1997 II. Semester Study in Germany (Fachhochschule Braunschweig/Wolfenbüttel)
Thesis: „Comparison of urban public transport systems ”
M.Sc. in Transportation; degree: good
1997 - 2000 Ph.D. student Technical University of Budapest, Department of
Transport Technology
Field of research: Modelling of traffic flows in time and space, especially
Simulation of public transport systems
1999/2000 I. semester Study in Germany (HTW Dresden)
2000 Research in Germany (HTW Dresden)
2005 Ph.D. „ Assessment analysis and development of public transport
assignment models”
2013 Habilitation “Questions of public transport from the viewpoint of the
passenger”

Trainings:

1999 „Short Course on transport planning” in Budapest
2001 „Advanced Course on transit Networks” in Rom
2009 Certified Trainer for PTV Vision Products (Visum, Vissim)

Professional experiences:

1997 – 2005 Széchenyi István University; Dep. of Transport; Junior lecturer
2005 – 2007 Széchenyi István University; Dep. of Transport; Senior lecturer
Since 2007 Széchenyi István University; Dep. of Transport; Ass. (univ.) professor
Since 1997 Teaching of different subjects both on BSc and MSc level:
Transportplanning, Public transport, Road information systems,
Transport informatics and taking part in the teaching of other subjects
Since 2003 Establish the course and teach VISUM transport planning software
Since 2004 Establish the course and teach VISSIM transport planning software
2000-2003 Working for the Transportation contact office of EU FP5
2002-2007 Secretary of the Doctoral Board of the Széchenyi István University
Since 2010 Head of the Department of Transport at Széchenyi István University
Since 2012 Member of the Senate at Széchenyi István University
2012-2014 Member of the board at Centre for Budapest Transport
Since 2015 Dean of the Faculty of Architecture, Civil Engineering and
Transportation Engineering at Széchenyi István University
Since 2011 Hungarian Association of Transport, president of the local group, and
secretary general
Since 2021 Secretary of the Transport and Vehiclescience Committee at the
Hungarian Scientific Academy

Scientific experiences:

2007	Research group leader at the Széchenyi István University: “Demand responsive transport for the sustainable mobility”
2007, 2008, 2009	Research group leader at the Széchenyi István University: “Planning and evaluation of public transport systems”
2010; Since 2016	Member of the editorial board of the journal “Városi Közlekedés” (City transport)
Since 2011	Organising the Transport science conference in Győr

Projects

CONNECT – FP6 (<http://www.flexibletransport.org/>)
MASCARA – Interreg IIIC (DeMand Responsive TrAnsport service for increasing Social Cohesion in urbAn/Rural Areas - <https://www.keep.eu/project/1006/demand-responsive-transport-service-for-increasing-social-cohesion-in-urbanrural-areas>)
GSP – FP7 (Galileo Signal Priority - <https://www.gsa.europa.eu/galileo-signal-priority>)
VKM AT-HU – Creating the future (http://www.at-hu.net/at-hu/en/projects.php?we_objectID=360)
National research project EFOP-3.6.2-16-2017-00016 „Autonóm járművek dinamikája és irányítása”

Other knowledge:

Language	German, English
Software	Transport planning: VISUM, VISSIM

Research fields:

(Public) transport planning	General modelling issues, Assignment models; Demand forecasting; Operational planning
-----------------------------	---

Publications

Papers, presentations	Total 269
Citations	Total 167