

TIBOR SIPOS PHD

● 28. 09. 1982.
Budapest, Hungary

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Education

- 2010 - 2016 ● Budapest University of Technology and Economics
[PhD, Doctoral School of Transportation Engineering](#)
- 2003 - 2010 ● Budapest University of Technology and Economics
[MSc, Transport Engineering](#)
- 2006 - 2009 ● Budapest University of Technology and Economics - TÜV Rheinland Academy
[Quality Management System Improvement \(TRA/09/28903\)](#)

Experience

- 2020 - ● KTI Institute for Transport Sciences Nonprofit Ltd.
Mobility Research Centre
[Senior Research Executive](#)
 - Professional planning of autonomous vehicles related projects
 - Support the Ministry of Innovation and Technologies
- 2010 - 2019 ● KTI Institute for Transport Sciences Nonprofit Ltd.
Road Safety Centre
[Researcher](#)
 - Financial and professional planning of EU projects, support of the implementation
 - Economical analysis of high cost interventions
 - Spatial statistical analysis in transport sector
 - Supporting the National Transport Strategy
- 2018 - ● Budapest University of Technology and Economics
Department of Transport Technology and Economics
[Assistant Professor](#)
 - Long term social-economic analysis of the Autonomous vehicles
 - Determine the Improvement Potential for the Hungarian Road Network
 - Intelligent Traffic System development
- 2011 - 2018 ● Budapest University of Technology and Economics
Department of Transport Technology and Economics
[Lecturer](#)
Transport statistic | Transport economics | Manager training | Project management
- 2009 - 2010 ● KTI Institute for Transport Sciences Nonprofit Ltd.
[External expert](#)
- 2008 - 2009 ● COWI Hungary Ltd.
[Trainee](#)

Course & Training

- 2016 ● Hungarian Public Road Nonprofit Plc.
Road Safety Auditor Ssz: 14/KFT-23015
- 2014 ● ROADAPT - Roads for today, adapted for tomorrow
Climate change risk assessments and adaptation for roads
- 2013 ● Tobii Technology
Eye Tracking for Research and Analysis
- 2013 ● SENSoR "Inspection & Safety Rating"
Road Inspections, Star Rating & Safe Road Investment Planning of the iRAP methodologies
- 2011 ● IRU Academy Road Safety and Professional Training Seminar
Changing the Behaviour of road users in order to effectively improve Road Safety
- 2010 ● KTI Institute for Transport Sciences Nonprofit Ltd.
PTV VISUM Advanced Training Private Transport
- 2009 ● Budapest University of Technology and Economics
PTV VISSIM Advanced Training Private Transport

Membership

- 2017 - ● Hungarian Academy of Sciences
[Public member](#)
- 2012 - 2015 ● EU Comission High Level Group on Road Safety
[Hungarian delegate](#)
- 2012 - ● EU Comission CARE (Community Road Accident Database) group expert
[Hungarian delegate](#)
- 2012 - ● EU Comission CADaS (Common Accident Data Set) group expert
[Hungarian delegate](#)
- 2012 - ● KTE Society of Transport Sciences, Department of Road Safety
[Founding Member](#)

Awards

- 2013 ● KTE Society of Transport Sciences
[Literary award](#)
- 2013 ● KTI Institute for Transport Sciences Nonprofit Ltd.
[Medallion for the Institute for Transport Sciences](#)

Skills

Data analyst	● ● ● ● ●	Team management	● ● ● ● ●
Data scientist (SPSS, R, SQL)	● ● ● ● ●	PTV VISUM	● ● ● ● ●
Project management	● ● ● ● ●	PTV VISSIM	● ● ● ● ●
Risk analysis	● ● ● ● ●	Citilabs CUBE	● ● ● ● ●
Market analysis	● ● ● ● ●	Databank planning	● ● ● ● ●
Geoinformatics (ArcGIS)	● ● ● ● ●	Infrastructure planning	● ● ● ● ●
Transport planning	● ● ● ● ●	Agile/Scrum/KanBan	● ● ● ● ●
Accident analysis	● ● ● ● ●	Cost benefit analysis	● ● ● ● ●