Curriculum Vitae

Personal details:

Name:	Dávid FÖLDES PhD
Date of Birth:	11 May 1991
Graduation:	Doctor of Philosophy, Transport Science PhD (BME, 2019)
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RESEARCHERID researcherid.com/rid/J-9809-2016

publons https://publons.com/researcher/1502058/david-foldes/

ResearchGate researchgate.net/profile/David_Foeldes

Academia.edu https://bme.academia.edu/DavidFoldes

Education:

2016 - 2019	Budapest University of Technology and Economics (BME), Faculty of Transportation Engineering and Vehicle Engineering (KJK), Department of Transport Technology and Economics (KUKG), Kandó Kálmán Doctoral School of Transportation Sciences (PhD) *title of the dissertation: Development of Innovative Transport Systems and Mobility Services*
2014 - 2016	Budapest University of Technology and Economics (BME), Faculty of Transportation Engineering and Vehicle Engineering (KJK), Transportation Engineering (MSc)
2010 – 2014	Budapest University of Technology and Economics (BME), Faculty of Transportation Engineering and Vehicle Engineering (KJK), Transportation Engineering (BSc)

Languages:

- Hungarian - mother language
- English – C1 level
- German – A1 level

Computer skills:

- Modelling: AutoCAD, Vissim, Visum
- Database Management: SQL, Microsoft Office Access
- Microsoft Office software

Full time job:

11.2019 -	research associate
6.2018 – 10.2019	research assistant
	Budapest University of Technology and Economics,
	Faculty of Transportation Engineering and Vehicle Engineering,
	Department of Transport Technology and Economics

Professional experience:

9.2015 – 2.2016	Internship
	BKK, Centre for Budapest Transport, Transport Organisation
2015, 2016	Internship
summer	KTI, Institute for Transport Science Non-profit Ltd..; Centre for Transport Organisation and Network Planning

Education activities (BME, Department of Transport Technology and Economics)**:**

Subjects:
- Transportation Informatics (MSc) – practice lessons in Hungarian and in English (2016 -)
- Transport Information Systems I-II. (BSc) – practice lessons in Hungarian (2016 -)
- Passenger Transportations (MSc) – practice lessons in Hungarian (2016 -)

Other activities:
- supervision of thesis (2018 -)
  in Hungarian: 2, in English: 3
- supervision of students' research activities (TDK) (2019 -)
  number of (TDK) papers: 2, number of papers ranked II. on conference of the Faculty: 1

Scientific activities:

Research fields:
- transport informatics, personalised information services
- traveller's behaviour, cognitive capabilities
- multimodal transportation networks, graph modelling
- smart city, smart mobility, Intelligent Transportation System (ITS)
- innovative, shared, on-demand mobility services
- mobility based on Autonomous Vehicles (AV)

Publications:
Number of scientific papers: 33
- book in English (published in Hungary): 1
- book in Hungarian (published in Hungary): 1
- book chapter in English: 1
- Paper with IF (Impact Factor): 3
- Paper without IF in English (published abroad): 2
- Paper without IF in Hungarian (published in Hungary): 6
- Conference paper in English (published in international conference proceedings): 10
- Conference paper in Hungarian (published in domestic conference proceedings): 9

Lecture notes:
- university lecture notes in Hungarian: 3
- university lecture notes in English: 1

publication list: https://vm.mtmt.hu//search/slist.php?lang=1&AuthorID=10050827
number of independent citations: 88, Hirsch-index: 6

Public activities:
- Hungarian Academy of Sciences (MTA), Committee on Transport Engineering, member of public body (2019 -)
- Hungarian Scientific Association for Transport (KTE), Committee on Urban Transport, member (2017 -)

Scientific Students' Associations Conference:
- Elaboration bicycle route estimation method and past it in multimodal urban route planning (1st prize; 2nd prize in National Scientific Students' Associations Conference), Budapest University of Technology and Economics (BME), Faculty of Transportation Engineering and Vehicle Engineering (KJK), Transportation Operation Section, 2013. (in Hungarian)
- The elaboration of an algorithm promoting to choose stops for personalised transport information applications (1st prize, Rector's Special Award) Budapest University of Technology and Economics (BME), Faculty of Transportation Engineering and Vehicle Engineering (KJK), Transportation Organization Section, 2015. (in Hungarian)

Awards:
- Best Student Paper Award: Dávid Földes, Csaba Csiszár: Revealing correspondences between bikers' mobility and information management attributes; 5th IEEE International Conference on Advanced Logistics and Transport, 1-3 June 2016. Krakow, Poland
- ITS Hungary Excellence Award, ITS Hungary Associtaion – category: best MSc thesis: Developing information services for bikers. 2016
- Best Thesis Award, Hungarian Scientific Association for Transport (KTE) – II. place, MSc thesis: Developing information services for bikers, 2017
- Literary Award, Hungarian Scientific Association for Transport (KTE), 2020

Scholarships:
- New National Excellence Program, PhD student research scholarship (ÚNKP-17-3-i), September 2017 - June 2018. Planning and operational methods of innovative transportation systems
- EFOP-3.4.4-16-2017-00030, student scholarship, April 2018 – September 2019. 'Future of roads - career choice and autonomous vehicles'

Participation in international workshops:
- 1st International Sustainable Urban Mobility Workshop, Cracow University of Technology, 15.9.2014 – 19.9.2014

Participation in projects:
- TÁMOP-4.2.2.C-11/1/KONV-2012-0012 „Smarter Transport" tender: Route Plan Evaluation Method for Personalized Passenger Information Service, 2013.
- Charging infrastructure deployment concept - containing national database and uniform digital map. study; principal: e-Mobi Kft. 2017
- Széllkapu garage - Concept of Electromobility Research Centre. study; principal: eVerda Kft, 2017.
- EFOP-3.4.4-16-2017-00030 'Future of roads - career choice and autonomous vehicles', 2018-2020
- European Union Horizon 2020. Electric travelling: Platform to support the implementation of electromobility in Smart Cities based on ICT applications, 2018-2020
- BME FIKP-MI/FM 'Higher Education Excellence Program of the Ministry of Human Capacities in the frame of Artificial Intelligence research area of Budapest University of Technology and Economics', 2018-2021. Planning and operation of mobility services based on autonomous vehicles focusing on electric propulsion and charging.
- Corvinus University of Budapest 'Societal impacts of autonomous vehicles', 2019-2020

Budapest, 6 February 2020

Dávid FÖLDES, PhD