



Europass Curriculum vitae

Personal data

Surname / First name **István LAKATOS, Prof. DR. habil**
Address(es) Győr
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E-mail(s) lakatos@sze.hu
Nationality Hungarian
Date of birth 27.03.1966.
Gender male



Work experience

Dates 1989-
Occupation / position held Full professor, Head of department (Department of Road and Rail Vehicles), Vice Dean (Audi Hungaria Faculty of Automotive Engineering)
Main activities and responsibilities

- Subject group leader (maintenance, diagnostics, testing, and trade of vehicles)
- Specialisation responsible: Technical Management Programme, Vehicle Technical and Commercial Specialisation
- Member of the University Senate
- Subject responsible lecturer and supervisor: Interdisciplinary Doctoral School of Engineering
- Member of the Educational Committee at the Faculty of Engineering Sciences
- Member of the Technical Management Committee

Name and address of employer SZECHENYI ISTVAN UNIVERSITY, H-9026 GYŐR, Egyetem tér 1.
Type of business or sector Higher education
Dates 2001-
Occupation / position held Vice President of the Chamber of Commerce and Industry of Győr-Moson-Sopron County, President of the Educational and Vocational Training Committee
President of the Development and Educational Board of Győr-Moson-Sopron County
Member of the Board of Master Craftsmen Training at the Chamber of Commerce and Industry of Hungary
Main activities and responsibilities vocational education, training of master craftsmen
Name and address of employer Chamber of Commerce and Industry of Győr-Moson-Sopron County, Győr, Szent István út 10/A

Education and training

Dates 2012-2013
Title of qualification awarded Habilitation (Dr. habil), (Summa cum laude)
Principal subjects/occupational skills covered Diagnostic testing of motor vehicles based on vehicle models
Name and type of organisation providing education and training Széchenyi István University, Interdisciplinary Doctoral School of Engineering

Dates	2000-2003
Title of qualification awarded	Ph.D
Principal subjects/occupational skills covered	Vehicles and mobile equipment
Name and type of organisation providing education and training	Technical University of Budapest (BME)
Dates	1991-1994
Title of qualification awarded	dr.-univ title in the field of design and testing of motor vehicles
Principal subjects/occupational skills covered	Design and testing of motor vehicles Heat and flow science
Name and type of organisation providing education and training	Technical University of Budapest
Dates	1987-1989
Title of qualification awarded	MSc in Mechanical engineering of vehicles (graded very good)
Principal subjects/occupational skills covered	Mechanics Heat- and flow science Design and testing of motor vehicles (engines, vehicle structures)
Name and type of organisation providing education and training	Technical University of Budapest
Dates	1984-1987
Title of qualification awarded	BSc in Mechanical engineering of motor vehicles (graded excellent)
Principal subjects/occupational skills covered	Motor vehicle engines Motor vehicle structures Motor vehicle electronics Motor vehicle diagnostics
Name and type of organisation providing education and training	Technical College of Vehicle Traffic and Telecommunication (KTMF)

Personal skills and competences

Mother tongue(s) Hungarian

Other language(s)
Self-assessment
European level (*)

German
English

Comprehension				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

Organisational skills and competences

experienced leader (Subject group leader, Vice President of the Chamber);
good organisational skills;
suitable project or team leading experience.

Computer skills and competences

user-level knowledge of Microsoft Office™ applications (Word, Excel and PowerPoint);
Internet,
user-level knowledge of graphic design and multimedia applications (Autocad, Adobe Acrobat Professional, PhotoShop™, Pinnacle Studio).

Additional skills and competences

- Driving licence categories, A, B, C,
- Quality assurance auditor for the National Transport Authority,
- Public Board Member of the Hungarian Academy of Sciences,
- Expert in accessibility,
- Expert and Presiding Examiner for the Ministry of Economy and Transport,

Prizes, awards

- Publication Award (Széchenyi István University, Győr), 2001, 2002, 2003, 2004, 2005, 2006, 2007
- Széchenyi István Scholarship (2003-2006)
- Szent László Medal Prize (2004), Municipality of Győr
- MTA Bolyai Scholarship (2009-2011)
- Szentágotthai Scholarship, 2013-2014

Professional public activities

- Editor in Chief for *Auto Szaki tanuló* (vocational training magazine, car industry) (1994–1999)
- Member of the European Union Avignon Academy Scientific Committee (1998–2000)
- Member and technical expert of the Scientific Society for Mechanical Engineering (1990-)
- Member of the Hungarian Association of Scientific Industrial and Specialist Journals (1994-)
- President of the Educational Committee of the Chamber of Handicraft of Győr-Moson-Sopron County (1997–2000)
- Technical Editor of *Járművek* engineering journal (1999–2001)
- President of the Committee for Education and Vocational Training (Chamber of Commerce and Industry of Győr-Moson-Sopron County) (2000–)
- Vice-President of the Chamber of Commerce and Industry of Győr-Moson-Sopron County (2001–)
- Member of the presidential list of the Supervisory Board of the National Audit Office (2003-)
- Member of the Editorial Board of *Autótechnika* trade magazine (2001-)
- Vocational training expert of the Ministry of Economy and Transport
- Quality management expert of the National Transport Authority
- Member of the Committee of NEFMI Higher Education Quality Award(2005-)
- Professional manager of the Vehicle Operation Training Centre (CENTROP, joint Austrian-Hungarian project)
- President of the Development and Educational Board of Gy-M-S County
- Regular chairman of the competition committee in the SZKTV and OSZTV contests of the Traffic Engineering Profession Group
- Expert in adult education

Study tours abroad

- 2 months at Apeldoorn College (TEMPUS), the Netherlands, Topic: CAD, CAM, 1992
- 3 weeks in Münster (Germany), Topic: motor vehicle electronics, 1992
- 3 weeks in Dortmund (Germany), Topic: motor vehicle diagnostics, 1993
- 1 week in Vienna (Bosch), Topic: electronic fuel injection systems, 1993
- 1 week at TÜV Hannover GmbH, Topic: classification of car repair shops, 1995
- 1 week in Munich, Topic: Studying of vocational training on cars, 1995
- 1 week in Belgium, Topic: Studying of vocational training outside automotive schools, 1997
- 1 week in Friedrichshafen (Germany), Topic: electronic fuel injection systems, motor vehicle electronics, 1997
- 1 week in Belgium, Topic: dual systems in vocational training, 1998
- 1 week in Cologne (Germany), Topic: Studying of body coating systems and technologies, 1998
- 1 week in Mulhouse (Université de Haute Alsace, Modélisation et Identification en Automatique et Mécanique, France) – TEMPUS, 2000
- ERASMUS and CAMPUS HUNGARY trips and lectures (5 classes/event), several occasions
 - Coburg, **University of Applied Sciences**, 2010
 - **Fachhochschule Technikum** Wien, 2011
 - **Fachhochschule Technikum** Wien, 2012
 - **University Salerno**, Mechanical Engineering, 2015

Technical expert activities
(key topics)

04.2010 - 04.2012

Mobility and environment: Vehicle industry, energy and environmental researches in the Central and Western Transdanubian Region
TÁMOP 4.2.1/B-09/1/KONV-2010-0003
subproject coordinator
Széchenyi István University
Egyetem tér 1. H-9026 Győr (Hungary)

09.2012 – 08.2014

Researches founding the development of hybrid and electric vehicles
TÁMOP-4.2.2.A-11/1/KONV-2012-0012,
subproject coordinator
Széchenyi István University
Egyetem tér 1. H-9026 Győr (Hungary)

10.2009 – 08.2012

Development and introduction of a modular platform suitable for the in-depth analysis of truck accidents in Hungary (National Technology Programme)
NTP_HTAR
professional leader
Széchenyi István University
Egyetem tér 1. H-9026 Győr (Hungary)

France (Mulhouse, at the invitation of Prof. G.L. Gissinger) 2000: invitation as guest lecturer (Euroconform Complex Retraining of Specialists in Road Transport – TEMPUS IB_JEP_14191)

France (Mulhouse, at the invitation of Prof. G.L. Gissinger) 2001: invitation as guest lecturer (Euroconform Complex Retraining of Specialists in Road Transport – TEMPUS IB_JEP_14191)

Dr. István Lakatos: Emission Diagnostics of Otto Engines, INTELLIGENT TRANSPORTATION SYSTEMS AND VEHICLE CONTROL; REQUIREMENTS FOR INCREASING THE SAFETY OF TRANSPORT, SYMPOSIUM OF THE HUNGARIAN ACADEMY OF ENGINEERS [MMA], SZVP-2003-4 – programme, 2005

Dr. István Lakatos: On-board Diagnostics (OBD, EOBD) of Environmental Systems, INTELLIGENT TRANSPORTATION SYSTEMS AND VEHICLE CONTROL; REQUIREMENTS FOR INCREASING THE SAFETY OF TRANSPORT, SYMPOSIUM OF THE HUNGARIAN ACADEMY OF ENGINEERS [MMA], SZVP-2003-4 – programme, 2005

Development of a new method for comparing the cold start and the idling operation of internal combustion engines (Kisalföld Volán), Universitas-Győr Nonprofit Kft., job number: 911-458, 30.03.2010 – 15.12.2010

Development of a new method for the analysis of diesel injection pumps of agricultural vehicles (Axiál Kft.) 5 May 2011 – 15 December 2011

Development of the extended testing method of the air brake system of the vehicle and creating the measuring system prototype (Kisalföld Volán), Universitas-Győr Nonprofit Kft., job number: 911-458, 30.03.2010 – 15.12.2010

Development of a new analytical method for engine diagnostics based on pressure indication of cylinder clearance and creating the measuring system prototype (Porsche Győr), Universitas-Győr Nonprofit Kft., job number: 911-571, 2011

Experimental development of a new dynamic fuel consumption measuring method for OPEL vehicles (Opel Gombos), Universitas-Győr Nonprofit Kft., job number: 911-525, 2011

Diagnostic options of internal combustion engines on the basis of cylinder clearance measurements (Szervizcentrum Fehérvár Kft.), job number: 911-604, 2011.

Development of a dynamometer testing method for BMW XDrive on a brake force measuring test bench suitable for all-wheel drive vehicles (Wallis Kft.)

Training development activity

Development of a new dynamometer testing method for BMW XDrive on a brake force measuring test bench suitable for all-wheel drive vehicles (Wallis Kft.), Universitas-Győr Nonprofit Kft., job number: 911-580

Development of vocational and examination requirements (SZVK)
Expert activity in connection with higher education vocational training (FOKSZ)
Standardization of official trainings: professional leader

Győr, 25th February 2023



Prof. Dr. habil Lakatos István Ph.D.