



Prof. Dr. László Palkovics

***Doctor of the Hungarian Academy of Sciences,
Mechanical Engineer***

Born in Zalaegerszeg (Hungary, 03. February 1965)

Education:

- Budapest University of Technology Transportation Engineering, mechanical engineer 1989
 - Candidate in the science of technics, mechanical engineering (mechanical engineer) 1993
 - Hungarian Academy of Sciences MTA doktora, engineering (mechanical engineer) 1998
 - Habilitated, 2000
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Work Experience:

- *Technical University of Budapest*, student (1984-1989).
 - *Hungarian Academy of Sciences Academic Qualificatory Committee*, collegian (1989-1991).
 - *TUB Faculty of Transportation Engineering, Department of Road Vehicles*, demonstrator (1991-1992).
 - *TUB Faculty of Transportation Engineering, Department of Road Vehicles*, assistant professor (1992-1994).
 - *TUB Faculty of Transportation Engineering, Department of Road Vehicles*, senior lecturer (1994-2000).
 - *Computer and Automation Research Institute of the Hungarian Academy of Sciences*, scientific researcher (1994-).
 - *Knorr-Bremse Fékrendszerek Kft. R&D Institute Budapest*, electronic system development director (1995-2001).
 - *TUB Faculty of Transportation Engineering, Department of Road Vehicles*, senior lecturer (2000-2002).
 - *Knorr-Bremse Systeme für Nutzfahrzeuge*, European development director, electronic systems (2001-2003).
 - *Knorr-Bremse Fékrendszerek Kft.*, Director Advanced Engineering (2003-).
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Fields of Expertise:

- Mechanical engineering, vehicle dynamics
 - Designing, developing and examination of controlled vehicle systems (wheel, brake and suspension systems)
 - Intelligent vehicle and road systems (autonomic vehicle and vehicle flow direction, driver assisting adaptive speed.... and lane detecting systems)
 - Development of redundant vehicle systems
 - Commercial vehicle systems, the effect of commercial vehicles on the environment
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Social Activities:

- **Member of the Editorial Board:** Vehicles and agricultural machines, president of the editorial board, Int. Journal of Vehicle Design, Heavy Vehicles, member of the editorial board till 1999. Journal of Automobile Engineering, member of the editorial board till 2001, International Journal of Vehicle System Dynamics, member of the editorial board
 - **Foreign contacts with universities and other professionals:** NRC Canada, TNO Holland, UMTRI USA, University of Chicago, Technical University of Delft, Helsinki University of Technology, RWTH Aachen, Technical University of Kaiserslautern, etc., research and development centers of the manufacturers of the automotive industry
 - **Other:** leader of the vehicle stability working group of UN-ECE WP29/GRRF subcommittee, member of the National Committee of the World Road Organization, member of the Research and Technological Innovation Council from 2004, president of the National Technical Development Council from 2001, member of the presidency of the OBB (national accident prevention committee) of the National Police Office from 1996, founder, general secretary of the Association of the Hungarian Automotive Industry from 1996, member of the leading committee of IAVSD (International Association for Vehicle System Dynamics) from 2001, member of the presidency of the Vehicle Commission of the Scientific Society of Mechanical Engineers, member of the traffic subcommittee of IFAC, member of the University Education Scientific Committee till 1999.
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