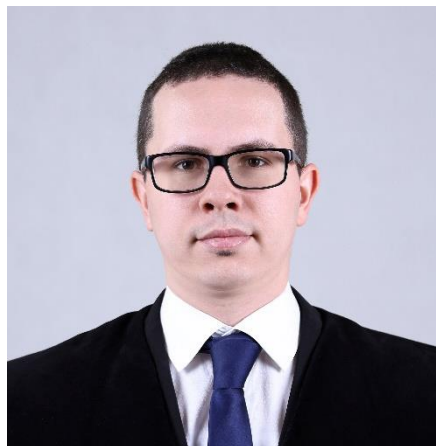


Dr. Álmos Dávid Tóth

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Working experience

Since 2016: Széchenyi István University,
Department of Vehicle Propulsion Technology and
Power Electronics

- Assistant professor – lubricant additives
- PhD student – lubricant additives
- Trainee – tribology laboratory

Tasks:

- Leading the tribology laboratory
- Experimental investigation of lubricants and lubricant additives from lubrication perspective
- Investigation of the tribological properties of selected internal combustion engine components (e.g.: cylinder liner coatings, intake manifold)
- Evaluation of research results

Teaching experience

- Széchenyi István University
 - Tribology of Internal Combustion Engines (HU/EN/DE)
 - Tribology and failure analysis (HU/EN)
 - Measurement and analysis of internal combustion engines (HU/EN)
 - Basics of Thermo- and Fluidmechanic Machines (HU/EN)

Education

2017 – 2022: Széchenyi István University, Doctoral School of Multidisciplinary Engineering Sciences

Transportation and Vehicle Sciences

Thesis: Tribological applicability investigation of nano-scale ceramic particles as lubricant additives

2014 – 2016: Széchenyi István University, Vehicle Engineering MSc, in German language

Specialisation in Internal Combustion Engines

2010 – 2014: University of Miskolc, Mechanical Engineering BSc

Specialisation of Manufacturing Technologies

Publication list:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10060839>

Language: Hungarian (mother language), English (fluent) and German (fluent)

Professional Affiliations & Extracurricular Activities

- Member of the Hungarian Association of Automotive Engineering since 2016
- Board member of the Brigetio KSE cycling team since 2025

Interests:

- Road cycling
- Spending time with family