

Lithuanian Scientific Society Department "TRIBOLOGIJA"



The Lithuanian Scientific Society Department (LSSD) "Tribologija" (Tribology) is nongovernmental non-profit organisation joining Lithuanian scientists who are working in the field of tribology. Main tribological research in Lithuania occur in universities ([Vytautas Magnus University](#) (VDU, see - [Tribology Laboratory](#)), [Kaunas Technological University](#) (KTU), [Vilnius Gediminas Technical University](#) (VGTU) and governmental research institutes. LSSD "Tribologija" was founded by joining Lithuanian scientists into the only society in such field. The establishing conference was held at 27 04 1995, electing the organisation board and its chairman - prof. dr. [Juozas Padgurskas](#) from VDU.

Scientist who are members of LSSD "Tribologija" are working in the following research areas:

- **Creation, research and usage of new tribomaterials, coating and surface strengthening technologies for increasing the machinery reliability;**
- **Research of biological lubricating oils and greases, nano-additives for the lubricants, self-lubricating polymeric materials;**
- **Usage of tribomaterials for reduction of friction losses and environmental pollution;**
- **Investigation of tribological properties of piezo-electric actuators and tribomaterials for mechatronic systems;**
- **Research and simulation of tribological processes in friction pair.**

[Recent most important publications in field of tribology.](#)

LSSD "Tribologija", as an independent and legal person, has already prepared contracts with governmental organisations and private enterprises for carrying out of tribological research. LSSD "Tribologija" represents Lithuanian scientists who are working in the field of tribology and is accepted as the member of the International Tribology Council.

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The Lithuanian Scientific Society Department „Tribologija" together with [Vytautas Magnus University](#) and [International Tribology Council](#) organised international tribological conferences [BALTTRIB' 99](#), [BALTTRIB' 2005](#), [BALTTRIB' 2007](#), [BALTTRIB' 2009](#), [BALTTRIB' 2011](#), [BALTTRIB' 2013](#), [BALTTRIB' 2015](#), [BALTTRIB' 2017](#), [BALTTRIB' 2019](#), [BALTTRIB' 2022](#)

BALTTRIB conferences usually take place in November each two years in Vytautas Magnus University, Akademija, Kaunas, Lithuania.

See information for next [BALTTRIB'2024](#) conference