

**DISSERTATION TOPICS AND SUPERVISORS IN MECHANICAL ENGINEERING SCIENCE FIELD (T009)  
FOR 2024**

<b>No.</b>	<b>Topic</b>	<b>Supervisor</b>	<b>Research Group</b>
1	Texturing of the friction surfaces to increase the efficiency of the tribological system	Juozas Padgurskas	Raimundas Rukuiža, Audrius Žunda
2	Frictional and anti-frictional biodegradable composites for mechanical systems	Juozas Padgurskas	Raimundas Rukuiža, Audrius Žunda
3	Influence of different physico-mechanical properties of agricultural plants on their threshing and separation processes in a combine harvester	Dainius Steponavičius	Aurelija Kemzūraitė
4	Investigation of tribological properties of ionic liquid stabilised nanoparticle additives for water-based lubricants	Raimondas Kreivaitis	
5	Effect of different forms of graphene on the properties and tribology of surface-lubricant-surface system elements under different friction conditions	Audrius Žunda	