



Program Seminarium Kół Naukowych Mechaników 2017



24 maja 2017r. (środa)

- 10⁰⁰ – 10¹⁰** Rozpoczęcie XXXVI Seminarium Kół Naukowych Wydziału Mechanicznego. Powitanie gości
Wystąpienie:
- Przewodniczącego Komitetu Organizacyjnego Seminarium
 - Dziękana Wydziału Mechanicznego
- 10¹⁰ – 11⁰⁰** Prezentacja Kół Naukowych WME- sala konferencyjna
- 11⁰⁵ – 12⁰⁰** Prezentacje sponsorów – sala konferencyjna
- 12⁰⁵ – 13⁰⁰** Warsztaty naukowe
- 13⁰⁰ – 14⁰⁰** Prezentacje studentów i doktorantów
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| 13 ⁰⁰ – 13 ¹⁰ | MOLNÁR BENCE | <i>Logistics of the Special Operations Forces</i> |
| 13 ¹⁰ – 13 ²⁰ | GABOR RADU CRISTIAN,
RANCEA ALEXANDRU-EMIL | <i>SPH (Smoothed Particle Hydrodynamics) Method</i> |
| 13 ²⁰ – 13 ³⁰ | RÁZGA TOMÁŠ,
PETER PERUN | <i>Methods of small arms accuracy measurement</i> |
| 13 ³⁰ – 13 ⁴⁰ | DANIEL MARTIN | <i>Hypothetical design of new automatic assault rifle cartridge</i> |
| 13 ⁴⁰ – 13 ⁵⁰ | HEGEDŰS KRISZTIÁN | <i>Alternative aircraft fuels and their effect on the combustion chamber</i> |
| 13 ⁵⁰ – 14 ⁰⁰ | CZYŻAK DANIEL | <i>Influence of construction of the combustion engine on vibration in crank-piston system</i> |
- 14⁰⁰ – 15³⁰** Przerwa obiadowa
- 15³⁰ – 17³⁰** Prezentacje studentów i doktorantów
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| 15 ³⁰ – 15 ⁴⁰ | SZEMPLIŃSKI TOMASZ,
ZIUBIŃSKI MATEUSZ | <i>Analysis of the factors that have an impact on tyre wear</i> |
| 15 ⁴⁰ – 15 ⁵⁰ | GAJDA ANNA | <i>Registration tests and modeling archer movement</i> |
| 15 ⁵⁰ – 16 ⁰⁰ | DYNOWSKI ADRIAN,
GROMŻYŃSKI ŁUKASZ | <i>The analysis of the possibilities of using filament for making components and parts of marine equipment</i> |
| 16 ⁰⁰ – 16 ¹⁰ | FRYZIEL DAMIAN | <i>Study of the effect of the engine's thermal state on the combustion composition of a compression-ignition engine</i> |
| 16 ¹⁰ – 16 ²⁰ | GRYNBERG URSZULA | <i>Research of wear resistance and adhesion of protective coatings of selected optical data storage</i> |
| 16 ²⁰ – 16 ³⁰ | DOMAŃSKI PIOTR | <i>Internal resistance analyse of the crank-piston system of the combustion engine</i> |
| 16 ³⁰ – 16 ⁴⁰ | ZIUBIŃSKI MATEUSZ | <i>Determining the side stiffness of a motor vehicle body based on a series of crash tests</i> |
| 16 ⁴⁰ – 16 ⁵⁰ | ANDRZEJEWSKI JAROSŁAW | <i>Diagnosis of common rail fuel supply system using edia-pro analyzer</i> |
| 16 ⁵⁰ – 17 ⁰⁰ | STERNICZUK DANIEL | <i>Concept of the multi-functional manipulator for engineering robot</i> |
| 17 ⁰⁰ – 17 ¹⁰ | PEREHUBKA MACIEJ,
SENYK SZYMON | <i>A preliminary research on the influence of hexagonal boron nitride on changing rheological and lubricity properties of oils</i> |
| 17 ¹⁰ – 17 ²⁰ | CHODKIEWICZ ARKADIUSZ,
SIEMIŃSKI ADRIAN | <i>The comparative analysis of the evaluation methods of oils lubricity on the basis of of two regulations PN-76/C-04147 and PN-EN ISO 20623</i> |
- 17²⁰ – 17³⁰

25 maja 2017r. (czwartek)



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9⁰⁰ – 11⁰⁰ Prezentacje studentów i doktorantów

9 ⁰⁰ – 9 ¹⁰	CIEŚLIK KAROL	<i>Research the possibility of copying the human hand movement by the anthropomorphic manipulator with hydrostatic drive system</i>
9 ¹⁰ – 9 ²⁰	KOŃCZAŁSKI KAROL	<i>Preliminary analysis of requirements for a follow me system unmanned ground vehicle</i>
9 ²⁰ – 9 ³⁰	SZAFRAŃSKA ALEKSANDRA	<i>Basic research of human body stability trade on posturography platforms</i>
9 ³⁰ – 9 ⁴⁰	KUCEWICZ MICHAŁ, SZAFRAŃSKA ALEKSANDRA, TOMASZEWSKI MICHAŁ, ZAJĄC KAMIL	<i>Numerical analysis of the flanged joint including various screw pre-tensioning methods</i>
9 ⁴⁰ – 9 ⁵⁰	TCHÓRZ TOMASZ	<i>Fatigue strength testing of model gears based on the load spectrum of a farm tractor</i>
9 ⁵⁰ – 10 ⁰⁰	SPADŁO KACPER	<i>Parameters of anti-slip system influence on robot mobility in rough terrain</i>
10 ⁰⁰ – 10 ¹⁰	ZAJĄC KAMIL, NYCZ DANIEL	<i>Modelling, simulation and experimental validation of tension-shear test of single-overlap two-screw steel joint</i>
10 ¹⁰ – 10 ²⁰	PASTUSZKA PAWEŁ	<i>Analysis of rheological blood models in terms of the circulating tumor cells (CTC) separation</i>
10 ²⁰ – 10 ³⁰	KRUPSKI FILIP	<i>Strength analysis of the construction of the submarine's rescue seat in the function of rescue vehicle's docking velocity</i>
10 ³⁰ – 10 ⁴⁰	PIZOŃ MARCIN	<i>Development of the 4CT90 engine control model with Common Rail fuel supply</i>
10 ⁴⁰ – 10 ⁵⁰	WOJCIECHOWSKI MICHAŁ	<i>Methods of assessing the mobility of tracked combat vehicles with particular emphasis on test track</i>
10 ⁵⁰ – 11 ⁰⁰	GRZELEC MAREK, KUSZTAŁ MARIUSZ, NOWOSADZKI MICHAŁ, WĄSIK JAKUB	<i>Single axle reconnaissance robot- concept 2.0. Form of housing and module for swimming</i>

11⁰⁰ – 11³⁰ Przerwa kawowa

11³⁰ – 13³⁰ Prezentacje studentów i doktorantów

11 ³⁰ – 11 ⁴⁰	KLUCZYŃSKI JANUSZ, GRZELEC MAREK, SIENKIEWICZ PIOTR, WIECZOREK RAFAŁ	<i>Remotely Controlled Single Axle Robot- version 2.0 concept</i>
11 ⁴⁰ – 11 ⁵⁰	TROJNAR DARIA JUSTYNA, GUŹLIŃSKA EMILIA MAGDALENA	<i>Impact of the vistula spit ditch on the economy and the environment</i>
11 ⁵⁰ – 12 ⁰⁰	WĘGRZYN AGNIESZKA, SIKORA TOMASZ	<i>Improvement of traffic safety on the example of crossing without traffic lights in Opole</i>
12 ⁰⁰ – 12 ¹⁰	KOŁODZIEJSKI SEBASTIAN	<i>Analysis of the effect of pressure drop on the air filter on the performance of the compression ignition engine</i>
12 ¹⁰ – 12 ²⁰	SZKUTNIK-ROGOŹ JOANNA	<i>The main problems concerning demand forecasting</i>
12 ²⁰ – 12 ³⁰	JANOWITZ MARTA	<i>Possibilities of using additional equipment facilitating the renovation process of the bow thruster blades</i>



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12 ³⁰ – 12 ⁴⁰	HAMOUD JAMAL	<i>Numerical analysis state of deformation in impact contact section</i>
12 ⁴⁰ – 12 ⁵⁰	KALISZ MATEUSZ	<i>Ballistic perforation tests AA2519-Ti6Al4V / SiC by projectile 7,62x54</i>
12 ⁵⁰ – 13 ⁰⁰	KOSZYKOWSKI DAMIAN	<i>Research of shock absorber properties on a testing bench</i>
13 ⁰⁰ – 13 ¹⁰	SZPACZYŃSKI MATEUSZ MICHAŁ	<i>Preliminary studies on the possibility of diagnosing the 1.2 TSI engine fuel supply system using the Edia-Pro analyzer</i>
13 ¹⁰ – 13 ²⁰	BARTELA MICHAŁ	<i>Forces acting on the load carried on a cross-country motor truck moving on a steep slope</i>
13 ²⁰ – 13 ³⁰	ARANOWSKI ARKADIUSZ	<i>Evaluation of tribological properties of lubricants based on Hersey's – Stribeck's characteristics</i>

13³⁰ – 14³⁰ Przerwa obiadowa

14³⁰ – 15³⁰ Prezentacje studentów i doktorantów

14 ³⁰ – 14 ⁴⁰	KACZMAREK ALEKSANDRA, BARSUL NIKOLA, POLASZ SYLWIA	<i>Application of anticorrosion powder coatings in ship buildings</i>
14 ⁴⁰ – 14 ⁵⁰	ZAWORSKA JAGODA	<i>Strength analysis of bionic autonomous underwater vehicle</i>
14 ⁵⁰ – 15 ⁰⁰	ŁUSZCZEK JAKUB, MALCHAREK DAMIAN, SZYMANIUK RAFAŁ, HAWLICZEK JAKUB, RUDZKI CEZARY	<i>Single axle reconnaissance robot- concept 2.0. Układ przeniesienia napędu wraz z modułem gąsienicowym</i>
15 ⁰⁰ – 15 ¹⁰	KONKOWSKI ŁUKASZ	<i>Evaluate the effect of injector construction parameters on engine performance with Common Rail fuel supply</i>
15 ¹⁰ – 15 ²⁰	KARCZMARZ EMILIA	<i>Adaptation of folding and accompanying military bridges to provide bridge crossing in crisis situation</i>
15 ²⁰ – 15 ³⁰	CHOROMAŃSKA DOROTA, GRABIEC ARKADIUSZ, ROGOWSKA KINGA	<i>Damaging Influence of Water in the Shore Zone Area</i>

17⁰⁰ – 20⁰⁰ Spotkanie koleżeńskie przy grillu – Klub WAT

26 maja 2017r. (piątek)

9⁰⁰ – 12³⁰ Wycieczka (uczestników Seminarium)

13⁰⁰ - 14⁰⁰ - Ogłoszenie wyników konkursu na najlepszy referat

XXXVI Seminarium KNM

- Wręczenie wyróżnień przez Dziekana Wydziału Mechanicznego
- Podsumowanie i zamknięcie XXXVI Seminarium KNM
- Pamiętkowe zdjęcie uczestników XXXVI Seminarium KNM**

Organizatorzy zastrzegają sobie możliwość zmian w programie.

