

**4th International Conference of Mechanical Engineering
ICOME 2017
11-12 October 2017
Scientific papers schedule
Section: Automotives and Tractors &
Transportation and Traffic**

**Wednesday 11th of October 2017- Papers presentation
15³⁰ -17⁰⁰**

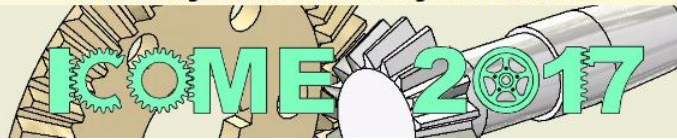
**Chairman: Professor Dr. Eng. ILIE DUMITRU,
Professor Dr. Eng. GEORGE GHERGHINA
Hall: BL 23 (New Laboratory Building)**

15 ³⁰ – 15 ⁴⁵	Combustion characteristic of diesel engine fueled by biodiesel at partial load	BENEA Bogdan Cornel
15 ⁴⁵ – 16 ⁰⁰	Correlation between Ride Comfort Index and Sperling's Index for Evaluation Ride Comfort in Railway Vehicles	DUMITRIU Mădălina, LEU Mihai
16 ⁰⁰ – 16 ¹⁵	Study on Improving the Ride Comfort in Railway Vehicles Using Anti-Bending Dampers	DUMITRIU Mădălina
16 ¹⁵ – 16 ³⁰	3D model based process in automotive industry	GHERGHINA George, TUTUNEA Dragos , DIMA Alexandru, POPA Dragos Laurentiu
16 ³⁰ – 16 ⁴⁵	Evaluation of thermistors used for temperature measurement in automotive industry	TUTUNEA Dragos, GHERGHINA George, DUMITRU Ilie, DIMA Alexandru
16 ⁴⁵ – 17 ⁰⁰	Finite Element Quarter Vehicle Suspension Model under Periodic Bump and Sinusoidal Road Excitation	CASTRAVETE Ștefan Cristian , MARINESCU Gabriel Cătălin , DUMITRU Nicolae, OȚĂT Oana Victoria
17 ⁰⁰ - 17 ³⁰	Coffee break	

**Wednesday 11th of October 2017- Papers presentation
17³⁰ – 19⁰⁰**

**Chairman: Professor Dr. Eng. VICTOR OȚĂT,
Lecturer Dr. Eng. MARIO TROTEA
Hall: BL 23 (New Laboratory Building)**

17 ³⁰ – 17 ⁴⁵	Implementation of Total Productive Maintenance Principles for Quality Improvement in an Automotive Company	PASCU Cristina Ileana, DUMITRU Ilie, GHEORGHE Ștefan , NISIPASU Mihai
17 ⁴⁵ – 18 ⁰⁰	Analysis of the Commercial Speed of a Public Passenger Transport Line from Craiova-Romania	CONSTANTINESCU Augustin Popa Gheorghe TROTEA Mario, BOGDAN Mihaela,
18 ⁰⁵ – 18 ¹⁵	Modeling the vehicle – bicycle collision. The analysis of the projection distance and acceleration at the cyclist's head	OȚĂT Oana, DUMITRU Ilie ,OȚĂT Victor, MATEI Lucian



18 ¹⁵ – 18 ³⁰	Smart Signalization and Public Transport Priority, a First Step to Smart Mobility in a Smart City	MATEI Lucian , DUMITRU Ilie, RACILA Laurentiu
18 ³⁰ – 18 ⁴⁵	The Issue of Car Body Manufacture in Unibody Aluminum Alloy Design	PANĂ, Gabriela Monica, GRIGORIE Laura Diana
Thursday 12th of October 2017- Papers presentation 8³⁰ – 10⁰⁰		
Chairman: Associate Professor Dr. Eng. CRISTINA ILEANA PASCU, Lecturer Dr. Eng. MARIO TROTEA Hall: BL 23 (New Laboratory Building)		
8 ³⁰ – 8 ⁴⁵	Simulation of air in the intake manifold flap of an internal combustion engine	DIMA Alexandru, OPRICA Alexandru , NICU Ana-Maria, STAICU Diana-Camelia, DUMITRU Ilie
8 ⁴⁵ – 9 ⁰⁰	CFD and structural analysis of the intake manifold flap of an internal combustion engine	TUTUNEA Dragos, OPRICA Alexandru, NICU Ana-Maria, STAICU Diana-Camelia, DUMITRU Ilie