Tentative Program

5th International Conference and Exhibition on

Automobile Engineering

Rome, Italy September 20-21, 2018



Interactive Sessions

Keynote Lectures

Plenary Lectures

Workshops

Exhibitors

B2B Meetings

For available speaker slots

https://automobile.conferenceseries.com/europe/

5th International Conference and Exhibition on

Automobile Engineering

Rome, Italy September 20-21, 2018

Program at A Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	11.00-12.40		Vehicular Automation and Automatic Driving
			Tire Science and Technology
	Lunch Break 12.40-13.30		
Evening Sessions	13.30-15.30		Braking System
			Automotive Safety
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25		Automotive cyber Security
			Automotive Testing
			Automotive Industry
			Noise, vibration, and harshness (NVH) in Automobiles

Day 2

Morning Sessions		Time	Session 1	Session 2
	Least of 3 Keynote/Plenary Talks	09.15-09.45	Keynote/Plenary Talk 1	
		09.45-10.15	Keynote/Plenary Talk 2	
		10.15-10.45	Keynote/Plenary Talk 3	
	10.55-12.35		Automotive Ergonomics	le Pollution and Control Ma
			Emerging Trends in Automotive Engineering	
	Lunch Break 12.35-13.25			
Evening Sessions	13.25-15.05		Robotics and Automation	Automotive Engine
			Automotive vehicles and design technologies	Fuel Economy
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-18.00		Alternate Energy Sources	Automotive Electronics
			Video presentations	
			Young Research Forum	Poster Session
	Awards & Closing Ceremony			

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details, visit: https://automobile.conferenceseries.com/europe/

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Conference Highlights

- Automotive Engine
- Automotive Vehicles and Design Technology
- Fuel Economy
- Alternate Energy Sources
- Automotive Electronics
- Vehicular Automation and Automatic Driving
- Tire Science and Technology
- Braking System
- Automotive Safety
- Automotive Cyber Security
- Automotive Testing
- Automotive Industry
- Noise, Vibration and Harshness (NVH) in Automobiles
- Automotive Ergonomics
- Automobile Pollution and Control Management
- Emerging Trends in Automotive Engineering
- Robotics and Automation

For detailed sessions, please visit: **https://automobile.conferenceseries.com/europe/**
Submit you're abstract online at: **https://automobile.conferenceseries.com/europe/abstract-submission.php**
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Glimpses of Automobile Conference

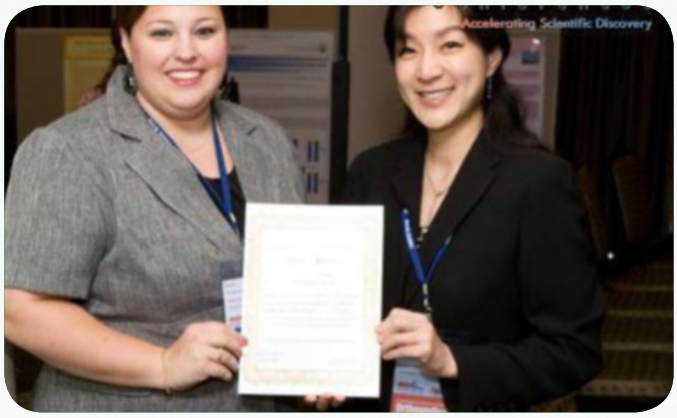
















Plan your Trip to Rome





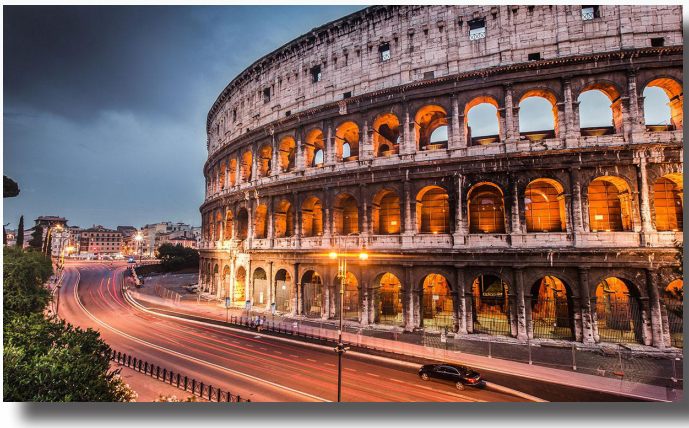












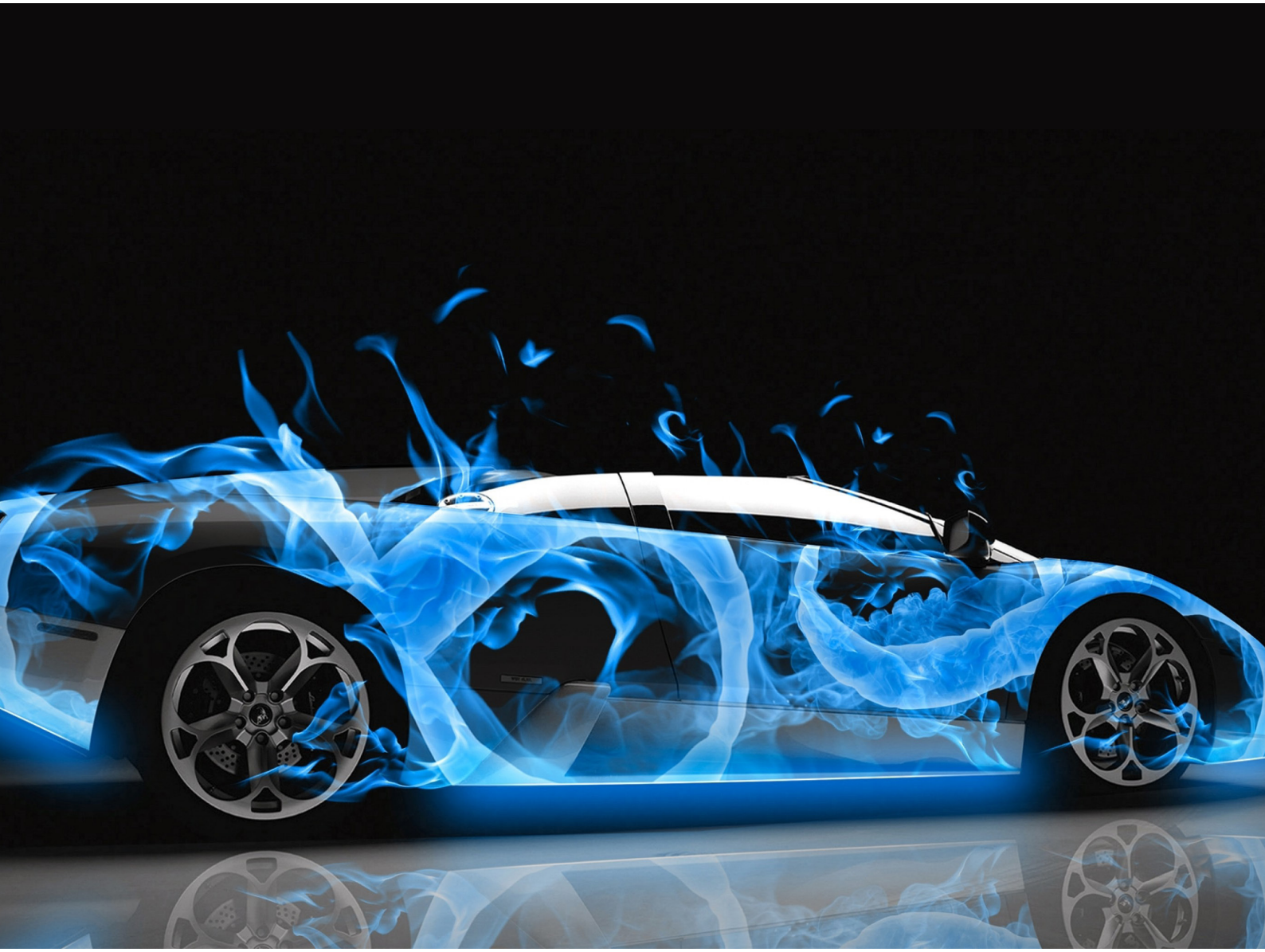
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1250th Conference

Scientific Program

3rd International Conference and Exhibition on

AUTOMOBILE ENGINEERING

September 28-29, 2017 Berlin, Germany



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One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

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Day 1 September 28, 2017

Registrations

Meeting Room @ v. Kleist

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Opening Ceremony

Keynote Forum

Introduction

Title: Hydration Status and Thermoregulatory Responses in Drivers During Competitive Racing

Lara A Carlson, University of New England, USA

Title: Probabilistic threat assessment with environment description and rule-based multi-traffic prediction for automated driving

Koungsu Yi, Seoul National University, South Korea

Group Photo

Networking and Refreshments Break

Sessions: Automotive Engine | Automotive Vehicles and Design Technology | Automotive Safety | Emerging Trends in Automotive Engineering | Automotive Industry | Braking System | Vehicular Automation and Automatic Driving

Session Chair: Benoit Boulet, McGill University, Canada

Session Co-chair: Koungsu Yi, Seoul National University, South Korea

Session Introduction

Plenary Session

Title: Automotive cyber security trends and the impact to forensic readiness

Jana Dittmann, Otto von Guericke University of Magdeburg, Germany

Title: Development of multispeed ratio drivetrains for electric vehicles

Benoit Boulet, McGill University, Canada

Title: Smart balancing systems: towards virtually ideal Li-ion battery packs

Jorge Varela Barreras , University of Oxford, UK

Title: Car as Power Plant: SOFC-PEMFC integrated high efficiency transportation systems

P.V. Aravind, Delft University of Technology, The Netherlands

Lunch Break

Title: Pixel-level image understanding for smart and autonomous vehicles

Siniša Šegvić, University of Zagreb, Croatia

Title: Application of aero-acoustic CFD methods to predict wind noise levels over the side glass of motor vehicles

Hakki Can Koman , Ford Otosan, Turkey

Title: Electro-mechanical direction sensor for vehicle guidance and control

Khaled R Asfar , JUST University, Jordan

Networking and Refreshments Break

Title: The usage of Artificial Intelligence methods in solving vehicle routing problem for best transportation and distribution solutions

Mazin Abed Mohammed, Universiti Teknikal Malaysia Melaka, Malaysia

Video Presentation

Title: Effects of Various Parameters of Micro-Geometry on Performance Characteristics of Gears

Sunil Pathak, Universiti Malaysia Pahang, Malaysia

Panel Discussion

Day 2 September 29, 2017

Meeting Room @ v. Kleist

Keynote Forum

Introduction

Title: Transformation of pneumatic tire towards modular airless wheel system

Sivarao Subramonian, Universiti Teknikal Malaysia Melaka (UTeM), Malaysia

Title: Cyber investiagtions: digital forensics & automobile electronics II

Gareth Davies, University of South Wales, UK

Networking and Refreshments Break

Sessions: Fuel Economy | Alternate Energy Sources | Automotive Electronics | Tire Science and Technology | Automotive Cyber Security | Automotive Ergonomics | Noise, Vibration and Harshness (NVH) in Automobiles

Session Chair: Gareth Davies, University of South Wales, UK

Session Co-Chair: Sivarao Subramonian, Universiti Teknikal Malaysia Melaka (UTeM), Malaysia

Session Introduction

Plenary Session

Title: Next steps towards clean heavy-duty transport: new tools and methodologies are needed

Andreea Balau, TNO, Netherlands

Title: Applying blockchain technology to sharing economy models such as car sharing and mobility

Philipp Sandner, Frankfurt School Blockchain Center, Germany

Title: Fuel-cell plug-in hybrids and the thermal hydrogen economy

Jared Moore, Meridian Energy Policy, USA

Title: Value engineering activity

Yasunori Ota, Value Engineering Trainer, Japan

Lunch Break

Poster Presentation

Title: Dynamic stiffness improvement of an automotive body by using response surface method

Milad Abbasi, South Pars Gas Company, Iran

Title: An evaluation of aluminium-composite combined geometry tubular structures for automotive frontal crash safety applications

Praveen Kumar, SSN College of Engineering, India

Networking and Refreshments Break

Panel Discussion

Awards & Closing Ceremony

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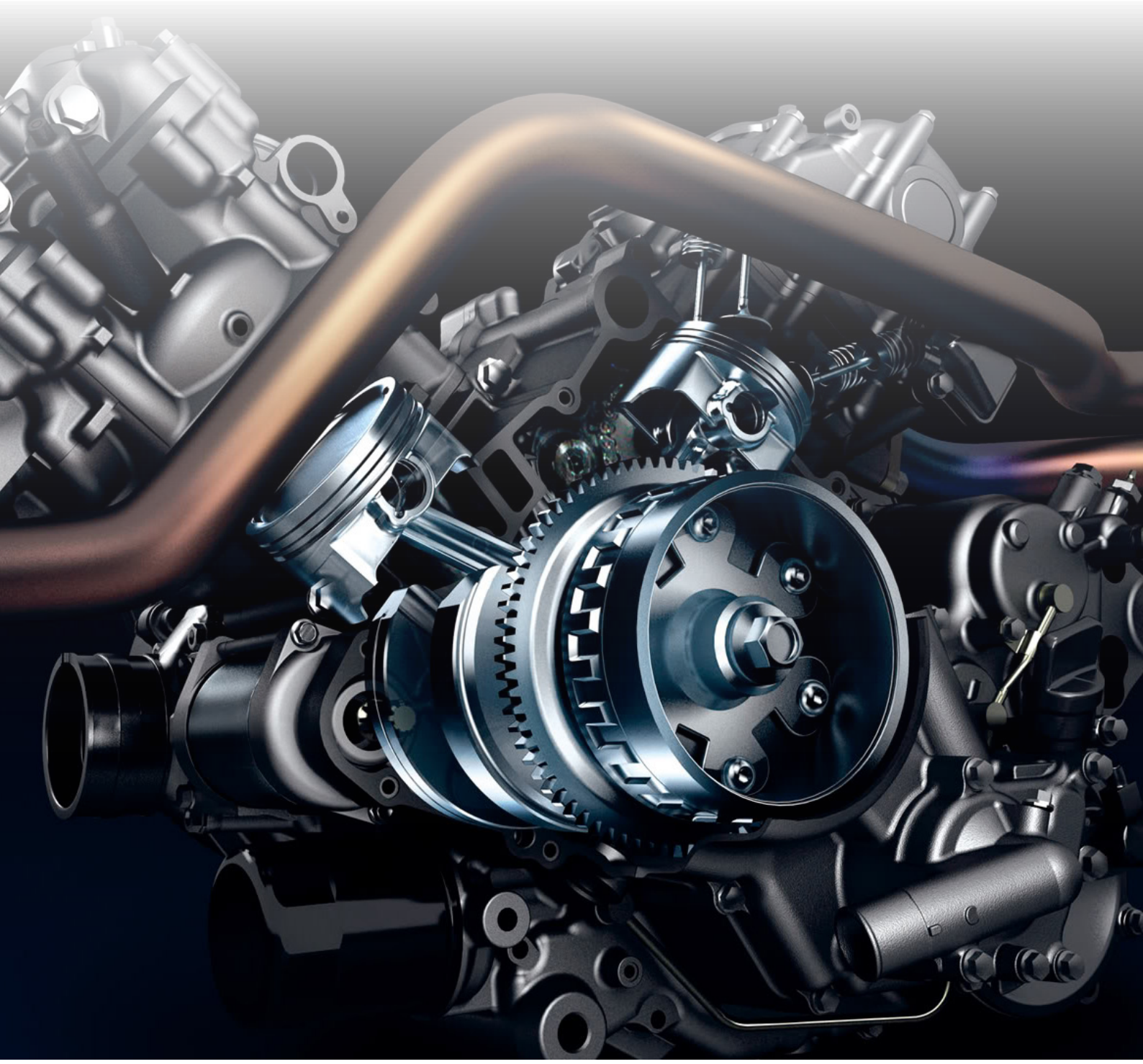
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Scientific Program

2nd International Conference and Exhibition on

Automobile Engineering

December 01-02, 2016 Valencia, Spain



Hosting Organization: Conference Series LLC

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Day 1 December 01, 2016

Registrations

Melia Meeting 1+2

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Opening Ceremony

Keynote Forum

Title: SPECTRA 2.3-Carbon nano fiber additives to improve battery performance for electric vehicle recharge infrastructure
Francisco Trinidad, Exide Technologies, Spain

Networking and Refreshment tBreak

Title: Six Theta(r) Design – Early-Stage Design Methodology for Achieving Predictable Product Performance
Janus Juul Rasmussen, CEO and Founder of Valcon Design A/S, Denmark
Title: Cyber Forensics & Automobile Electronics
Gareth Dafydd Owen Davies, University of South Wales, UK

Panel Discussion

Group Photo @

Lunch Break @ Restaurant Aqua

Sessions: Automotive Design & Vehicle Electronics | Automotive Manufacturing | Automotive Safety | Electric and Hybrid Vehicles

Session Chair: Francisco Trinidad, Exide Technologies, Spain
Session Co-chair: Derya Haroglu, Erciyes University, Turkey

Session Introduction

Title: Realistic energy management strategy on parallel hybrid electric vehicles
Dohee Kim, Hyundai Motor Company, Korea
Title: Prioritizing sensor performance characteristics for automotive seat weight sensors in quality function deployment (QFD)
Derya Haroglu, Erciyes University, Turkey
Title: Variable caster steering in vehicle dynamics
Dai Vo Quoc, RMIT University, Australia
Title: The criteria and methodology for evaluation the quality of Magnetic Impelled Arc But Welding joints in automotive industry
Marcin Korzeniowski , Wroclaw University of Science and Technology, Poland

Networking and Refreshment Break 16:00-16:20 @ Foyer Business Center

Title: Evaluation of possibility of a family car conversion into electric basing on traction characteristics
Pawel Adamski, Technical University of Lodz, Poland
Title: Benchmarking VE and drawing VEs
Yasunori Ota, Value Engineering Trainer, Japan

Video Presentation

Title: Influence of operating factors on modal characteristics of a rolling truck tyre
Subhash Rakheja, Concordia University, Canada

Panel Discussion

Day 2 December 02, 2016

Melia Meeting 1+2

Keynote Forum

Title: Hydroxy Gas (HHO) Addition to Fossil Fuels for Improved Performance and Lower Emissions
Kadir Aydin, Çukurova University, Turkey

Networking and Refreshment Break

Special Keynote Session & Workshop

Title: Layer Protection of Oil Additives, Lubrication-Friction-Wear within Surface Coatings of Piston Rings against Cylinder Liner in Internal Combustion Engines
Hakan Kaleli, Yıldız Technical University, Turkey

Lunch Break @ Restaurant Aqua

Panel Discussion

Sessions: IC Engine & Automotive Transmission | Fuel Economy | Alternate Energy Sources | Automation in Driving | Pollution by Automobiles | Automotive Industry

Session Chair: Kadir Aydin, Çukurova University, Turkey
Session Chair: Hakan Kaleli, Yıldız Technical University, Turkey

Title: Effect of cooling gallery on the piston temperature in a gasoline direction injection engine
Sangwook Han, Korea Automotive Technology Institute, Korea

Title: Structural transfer path analysis using normal frequency response functions
Akin Oktav, Bogazici University, Turkey

Title: Financial aspects of Czech automobile industry development
Jana Vychytilova, Tomas Bata University in Zlin, Czech Republic

Frank Amon, S. Mensah Auto Mechanic PTY LTD, South Africa

Networking and Refreshment Break @ Foyer Business Center

Poster Presentations @

Poser Judge: Janus Juul Rasmussen, CEO and Founder of Valcon Design A/S, Denmark
Poser Judge: Hakan Kaleli, Yıldız Technical University, Turkey

Panel Discussion

Award & Closing Ceremony

Bookmark your dates

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International Conference and Exhibition on

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September 01-02, 2015 Valencia, Spain



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Day 1 **September 01, 2015**

Registrations

Hall Meliá Meeting 6

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Opening Ceremony

Keynote Forum

Introduction

Title: More Than Just Turning Left: Physiological Responses of Motorsports Drivers

Lara Carlson, University of New England, USA

Networking & Refreshment Break @ Foyer

Track 1: Vehicle Design and In-Vehicle Electronics
Track 3: Fuel Economy and Emissions
Track 4: Manufacturing Technologies and Testing
Track 5: Digital techniques in Automotive Manufacturing Process
Track 6: Advanced Safety Technologies
Track 8: Automotive Human Factors and Ergonomics

Session Chairs: Lara Carlson, University of New England, USA
Session Co-Chairs: Kadir Aydin, Çukurova University, Turkey

Session Introduction

Title: Development of stamping technology in automotive and production speed calculations
Kadir Genc, Valeo Automotive Systems Industry, Turkey
Title: Innovation for Future Mobility Concepts: An Automatic Damage Identification System
Sergei Gontscharov, Universität Bremen, Germany
Title: Evaluation of the dissipated energy by the automobile dampers
Veronel George Jacota, Universitatea Politehnica din Bucuresti, Romania
Title: Finite Element Analysis of Electric Bike Rims Coupled with Hub Motor
Erinç Uludamar, Çukurova University, Turkey
Title: Evaluation of the causes of increasing the pressure drop of fixed bed reactor in RCD unit
Ali Shaeri, NIOEC, Iran

Group Photo & Lunch Break @ Aqua Restaurant

Title: Comparison of Immersive and Non-Immersive Driving Task Environments
Diana Reich, Technische Universität Berlin, Germany
Title: Israeli and American traffic signs-similarities, differences and compliance with ergonomic principles of signs design
Tamar Ben-Bassat, Sami Shamoon College of Engineering, Israel
Title: Crash behavior of telescopic crash box with aluminum foam
Ahmet Serdar Önal, Beyçelik Gestamp, Turkey
Title: Accidents involving pedestrians walking along with/against traffic: An evaluation of crash characteristics and injuries
Chih-Wei Pai, Taipei Medical University, Taiwan
Title: Measuring User Experience during a driving simulation with MINARGUS
Maik Auricht, Technische Universität Berlin, Germany

Networking & Refreshment Break @ Foyer

Young Researchers Forum

Title: Dynamic Simulation of Automobile Crankshaft
Ihsan Uluocak, Çukurova University, Turkey

Title: Numerical Study on Active Flow Control using Synthetic Jet Actuators over a NACA 4421 Airfoil
Xavier Guerrero-Pich, Polytechnical University of Catalonia, Spain
Title: Effects of SCR System on NOx Reduction in Heavy Duty Diesel Engine Fuelled with Diesel and Alcohol Blends
Ceyla Özgür, Çukurova University, Turkey
Title: Evaluation of properties for Hybrid Al-SiC-Carbon Fiber Reinforced Metal Matrix Composite for Brake Pads
Abhik Rathod, VIT University, India
Title: GRNN and MFFNN Models for Energy Equivalent Speed Prediction and Fault Rate Determination of Involvements in Traffic Accidents: A case study in Turkey
Ali Can Yilmaz, Çukurova University, Turkey

Panel Discussion

Day 2 September 02, 2015

Hall Meliá Meeting 6

Keynote Forum

Introduction

Title: Improvement of the Heat and Sound Insulation of a Bus for Compliance with American Regulations
Kadir Aydin, Çukurova University, Turkey

Networking & Refreshment Break @ Foyer

Track 2: Engine and Transmission Technologies
Track 3: Fuel Economy and Emissions
Track 6: Advanced Safety Technologies
Track 9: Noise Vibration and Harshness (NVH) Engineering
Track 11: Hybrid Plug-in Hybrid and Electric Vehicles

Session chair: Kadir Aydin, Çukurova University, Turkey
Session chair: Lara Carlson, University of New England, USA

Session Introduction

Title: Thermal Management in Electric and Hybrid Vehicles
Gregor Gregorčič, qpunkt GmbH, Austria
Title: Development of a new powertrain concept based on the integration of electric generation, energy recovery and storage
Estefanía Hervás Blasco, Universitat Politècnica de València, Spain
Title: Simulation the Continuous Catalytic Reforming (Octanizer) Unit of Arak Refinery Gasoline Production Complex with PETROSIM Software
Ali Shaeri, NIOEC, Iran
Title: Development of the KIIRA EV SMACK Supervisory Control Firmware
Pauline Korukundo, KIIRA Motors, Uganda
Title: Noise and separation reduction by the dimpled surfaces
Vladimir Voskoboinick, National Academy of Sciences of Ukraine, Ukraine

Lunch Break @ Aqua Restaurant

Young Researchers Forum

Title: Model of a new powertrain concept based on the integration of electric generation, energy recovery and storage
Estefanía Hervás Blasco, Universitat Politècnica de València, Spain
Title: A Comparative Study on Power Characteristics and Mode Control Algorithm for Plug-in Hybrid Electric Vehicles
Sunyoung Park, Sungkyunkwan University, Korea
Title: Vibration Analysis of a Diesel Engine Fuelled With Sunflower and Canola Biodiesels
Erinç Uludamar, Çukurova University, Turkey

Title: Development of a Mode Shift Control Algorithm for a Dual Mode Power Split Type Hybrid Electric Vehicle with On/Off Type Clutch and Brake **Sungwha Hong,** Sungkyunkwan University, Korea	
Panel Discussion	
Networking & Refreshment Break @ Foyer	
Poster Session @ Foyer	
AUT-01	**Fail-Safe Control for One Brake-by-Wire Actuator Failure Case using Brake Safety Evaluation Index and Response Surface Method**
	Kwangki Jeon, KATECH, Korea
AUT-02	**The Development of Dynamic Model and Power Assist Control Logic of Hybrid EPS for Heavy-Duty Vehicles**
	Ji in Park, KATECH, Korea
Award Ceremony	

Bookmark your dates

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July 11-12, 2016 Köln, Germany

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