Scientific Program

5th International Conference and Exhibition on
Automobile and Mechanical Engineering

September 20-21, 2018 | Rome, Italy

UK: Conference Series llc LTD
47 Churchfield Road, London, W3 6AY
Toll Free: +0-800-014-8923
DAY-1
September 20, 2018
Meeting Hall: Catullo

09:00-9:30 Registrations

Opening Ceremony

KEYNOTE FORUM

Introduction

09:45-10:30 Title: A possible collision safer device for automobile vehicles
Hongjun Pan, Cosave Motors, United States

GROUP PHOTO @ 10:30-10:45

Networking & Refreshments 10:45-11:00 @ Foyer

11:00-11:45 Title: Decision and motion planning at intersection for urban automated driving
Koungsu Yi, Seoul National University, South Korea

Sessions: Automotive vehicles and design technologies | Vehicular Automation and Automatic Driving | Emerging Trends in Automotive Engineering | Automotive Safety | Noise, vibration, and harshness (NVH) in Automobiles | Computer-aided design & manufacturing CAD & CAM

Chair: Ahmad Gemeal, Central Metallurgical Research and Development Institute, Egypt
Co-Chair: Peter Guggi, In Rebus Corporate Finance, Germany

INTRODUCTION

11:45-12:10 Title: The potential of autonomous driving technologies for low-cost city cars
Mario Hirz, Graz University of Technology, Austria

12:10-12:35 Title: Fundamentals of vehicle attributes balancing on electric vehicles
Alexandre Nunes, NIO, China

12:35-13:00 Title: Exhaust gas heat-driven steam ejector refrigeration for an automobile
Cüneyt Ezgi, Beykent University, Turkey

Lunch Break 13:00-14:00 @ Restaurant

14:00-14:25 Title: New restraint concepts for occupant protection in automated vehicle
Jay Zhao, Joyson Safety Systems, North America

14:25-14:50 Title: Luminant trim for vehicle window frame
Peter Gold, Inview Vehicle Trim Corporation, USA
14:50-15:15  
**Title:** E-BABE-modal finite element analysis of global body in white of the first saudi car GAZAL1  
**Ahmad Gemeal,** Central Metallurgical Research and Development Institute, Egypt

**Networking & Refreshments 15:15-15:30 @ Foyer**

15:30-15:55  
**Title:** Changes in the automotive landscape – M&A impressions from Germany  
**Peter Guggi,** In Rebus Corporate Finance, Germany

**Poster Presentations 15:55-16:20 @ Meeting Room**

**Networking & Refreshments 16:20-17:00 @ Foyer**

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**Panel Discussion**

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**Day-2**  
September 21, 2018  
Meeting Hall: Catullo

**Keynote Forum**

**09:30-10:15**  
**Title:** Smart CAN cable, another IPS for CANBUS network  
**Kiyotaka Atsumi,** LAC Co., Ltd., Japan

**Networking & Refreshments 11:00-11:15 @ Foyer**

**10:15-11:00**  
**Title:** The driver athlete: More than just turning left  
**Lara A. Carlson,** University of New England, USA

**Sessions:** Emerging Trends in Automotive Engineering | Vehicular Automation and Automatic Driving | Automotive vehicles and design technologies | Automotive cyber Security | Automotive Safety | Computer-aided design & manufacturing CAD & CAM | Automotive Ergonomics

**Chair:** Ahmad Gemeal, Central Metallurgical Research and Development Institute, Egypt  
**Co-Chair:** Najmeh Rezaei, Queen Mary University of London, England

**Introduction**

**11:15-11:40**  
**Title:** Multi-physics sensor fusion for power module prognostics in xEVs  
**Kamyar Mehran,** Queen Mary University of London, England

**11:40-12:05**  
**Title:** Steering angle decision and control for lane keeping using LSTM neural networks  
**Jahng Hyon Park,** Hanyang University, South Korea

**12:05-12:30**  
**Title:** Change of force between shafts and winding pitch radius of chain type continuously variable transmission at steady state  
**Shun Hattori,** Doshisha University, Japan

**Lunch Break 12:30-13:30 @ Restaurant**
WORKSHOP

13:30-15:00 Title: Platform thinking is the future of aftersales business in the automotive industry
Joffrey Mabuma, Teamwille GmbH, Germany

Networking & Refreshments 15:00-15:15 @ Foyer

PANEL DISCUSSION

Awards & Closing Ceremony

Bookmark your Dates

6th International Conference and Exhibition on Automobile & Mechanical Engineering

July 08-09, 2019 | Zurich, Switzerland

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