

Talk On “Going Driverless: Is It A Good Idea...?”

Organise by the Engineering Education Technical Division (E2TD), IEM
in collaboration with Monash University,
Institution of Mechanical Engineers Malaysia Branch (IMechE) and Engineers Australia Malaysia Chapter (EAMC)
BEM Approved CPD/PDP: 2 hours Ref: IEM17/HQ/040/T

Date : **27 February 2017 (Monday)**
Time : **6.00 p.m. – 8.00 p.m.**
Venue : **Plenary Theatre, Monash University Malaysia**
Address : Monash University Malaysia
Jalan Lagoon Selatan, Bandar Sunway, 47500 Subang Jaya, Selangor
Speaker : **Mr. Siddhartha Khastgir**
BSc (Hons), CEng, IMechE

SYNOPSIS

There has been an increasing focus on driverless cars in the media, automotive industry and the technology industry. This talk will discuss the potential benefits of the introduction of driverless cars for us as individuals, society and the environment. Further, talk will discuss various types of automated vehicles. However it will also discuss the challenges that the industry and the research community face in this journey, especially around ensuring that they will be safe, secure and robust, and some of the ways these challenges are being tackled. The talk will be an interactive session and will be followed by a question and answer session.

SPEAKER BIODATA



Siddhartha Khastgir is a Chartered Engineer and a member of the Institution of Mechanical Engineers (IMechE), UK. He was awarded the Young Visionary of the Year 2014 by IMechE. Currently, he is the Chair of IMechE's International Young Member Committee (IYMC) and represents over 20,000 young members on the International Strategy Board. He is also a member of IMechE Council, IMechE's Equality and Diversity Steering Group and IMechE Southern Asia Region board member.

Siddhartha has a B.Tech and M.Tech degree from Indian Institute of Technology (IIT) Kharagpur, India in Mechanical Engineering. After graduating in 2011, he has worked in Tata Motors, Pune and then FEV GmbH, Aachen, Germany, working on hybrid vehicle control software and transmission control software development and has led diverse teams in the delivery of series oriented projects.

Currently, Siddhartha is pursuing a PhD degree at Warwick Manufacturing Group (WMG), University of Warwick, UK. His area of research is testing of driverless vehicles, focusing of safety analysis and identification of test scenarios. He has given various talks at International conferences in USA, S. Korea, Germany, Sweden etc. He is also the UK's representative on the ISO International Technical Committee TC 204 WG14 (intelligent transportation systems), which is a team of international experts responsible for creating international standards in the area of automated driving.

Ir. Assoc. Prof. Dr. Mandeep Singh
Chairman
Engineering Education Technical Division
Session 2016 / 2017

ANNOUNCEMENT TO NOTE

- **FREE OF CHARGE (FOC) for ALL**
- Limited seats are available on a "first come first served" basis (maximum 100 participants). **To secure your seat, kindly register online at www.myiem.org.my.**

CPD HOURS CONFIRMATION

Name:

Membership No:

Signature:

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.