

Seminar: "CO2 Reduction Requirements and Strategies"  
Venue: Crowne Plaza, Gurgaon  
Monday, 23<sup>rd</sup> March'15  
15:00 hrs to 18:30 hrs

**KEYNOTE SPEAKERS**



**Mr. Xiangdong Xu** is Engineering Director, Asia Pacific, Delphi Powertrain Systems. Xiangdong has a master's degree in internal combustion engine from China's Tsinghua University. He has over 25 years of experience in Power train technologies



**Mr. Duane Collins** is the Director of Delphi Mexico Technical Centre also the Chief Engineer for Fuel Handling products. He has done his engineering from Indiana University-pursue University at Indianapolis. He has over 25 years of experience in Power Train



**Mr. Phil Anderson** is currently Staff Engineering Manager for Fuel Handling products. He has worked in Fuel handling component engineering for last 20 Years.



**Mr. Daniel Moreno** is a Staff Research Engineer for Delphi Automotive Systems in the Powertrain Division. He has a Master of Science degree in Electrical Engineering from University of California at Berkeley and has worked at Delphi's Mexico Technical Center

**INVITATION**

SAE India (Northern section) & M/s Delphi are pleased to invite you to participate in the Seminar on "CO2 Reduction Requirements and Strategies" to be held on 23rd Mar, 2015, at Crowne Plaza, Gurgaon. The seminar is targeted towards CO2 reduction requirements & strategies and brushless pump and controllers solutions from Delphi. The seminar targets the R&D persons, Engineers, students and faculty interested in these related areas.

**Free Registration !!  
Limited Seats  
(On First Come First Serve Basis)**

Last Date for registration: 19th-Mar-2015

\*For SAE membership and registration

Please contact: Mr. Anup Kacker: Executive Director SAENIS

Email: sae.nis@gmail.com

Ph. No: +91 (124) 4370163, +91 98731 88382

**AGENDA**

3:00 - 3:15 PM	Welcome Note by Sr Vice Chairman, SAE NIS
3:15- 4:15 PM	CO2 Emission requirements & Technologies to meet Fuel Economy Mr. Xu Xiangdong Asia Pacific Engineering Director Delphi Power Train
4:15 - 4:45PM	Brushless Pumps By Mr. Phil Anderson Staff Engineering Manager Fuel Pumps
4:45 - 5:00 PM	Controller strategies for Brushless Pumps By Mr. Daniel Moreno Staff Research Engineer
5:00 - 5:15 PM	CO2 Emission reduction using Brushless Technology - Case study By Mr. Duane Collins Director Mexico Technical Centre
5:15 - 5:30 PM	QA
5:30 - 5:40 PM	Vote of Thanks
5:40 PM Onwards	High Tea & Networking

**Venue Details:**

**Crowne Plaza Gurgaon**

**Sector 29, National Highway-8**

**Gurgaon 122001 New Delhi(NCR)**

**General Line: 0124 4534000 | Fax: 0124 4304803**

**Website: [www.crowneplaza.com/gurgaon](http://www.crowneplaza.com/gurgaon)**



## About Delphi

Delphi Automotive PLC is a leading global supplier of technologies for the automotive and commercial vehicle markets. Headquartered in Gillingham, England, Delphi operates major technical centers, manufacturing sites and customer support services in 32 countries, with regional headquarters in Bascharage, Luxembourg; Sao Paulo, Brazil; Shanghai, China and Troy, Michigan, U.S. Delphi delivers innovation for the real world with technologies that make cars and trucks safer as well as more powerful, efficient and connected.

### Powertrain Systems:

Provides systems integration of full end-to-end gasoline and diesel engine management systems including fuel handling, fuel injection, combustion, electronic controls, test and validation capabilities, aftermarket, and original equipment services. We design solutions to optimize powertrain power and performance while helping our customers meet new emissions and fuel economy regulations. Provides powertrain cooling and heating, ventilating and air conditioning ("HVAC") systems, such as compressors, systems and controls, and heat exchangers for the vehicle markets. Our products improve the efficiency by which the powertrain and cabin temperatures are managed, which are critical factors in achieving increased fuel economy, reduced emissions and occupant comfort.

### Powertrain Systems (Gasoline)

In India, Powertrain Systems (Gasoline PBU) headquartered & production facility in Gurgaon, with a technical center in Bengaluru. The production facility is certified ISO 14001, TS 16949. The products manufactured include Fuel Delivery Module and canisters which are distributed throughout India and globally for both two wheelers and four wheelers.

For further information, please visit website: [www.delphi.com](http://www.delphi.com)

## ABOUT SAE INDIA

SAEINDIA, a non-profit body has been in the forefront to identify and transmit relevant technologies to the society in general, and stakeholders, in particular. It is affiliated to the parent body SAE International which is head quartered in USA with a glorious record of more than 100 years of service to the mobility community.

SAE International has more than 121,000 members – engineers, business executives, educators & students from more than 97 countries – who share information & exchange ideas for advancing the engineering of mobility systems. SAE is a premier resource for standards development, events, technical information & expertise useful in designing building, maintaining & operating self-propelled vehicles for use in land, sea or air.

## ABOUT SAEINDIA NORTHERN SECTION

SAEINDIA Northern Section, a section of SAEINDIA, is a premier society that serves the Mobility Engineering fraternity towards the design, manufacture and service of self propelled vehicles & systems that move in air, space and on land. The society has more than 7200 members comprising of stalwarts of the industry and affiliates from the student community. SAEINDIA Northern Section covers Rajasthan, UP, Uttaranchal, Uttarakhand, Delhi-NCR, Haryana, Punjab, HP, J&K. The body has been involved in conducting seminars, workshops, conferences, student & professional events for its members.