

About the Course

“Where will future energy sources come from? Will the infrastructure needed to utilize them be in place and how will we address the cost of better fuel economy and the impact on the consumer? ”

We are being challenged by increase in global demand of crude oil and even increasing prices. This calls for efficient technologies which can bring in improvement in fuel efficiencies beyond what engines can provide. In addition to this reducing CO₂ to prevent Global warming is everyone's responsibility. Hybrid technologies have evolved to meet these needs. The latest technical innovations in electric and hydraulic drives, motors, energy storage, and system engineering from the innovators of hybrid technology. This event gives you presentations from leading experts in electrical & hydraulic hybrid technology from the industries as well as participation in specialized technologist from the hybrid vehicle industry

Program

Day 1: (Dec 11th 2009)

Morning

- ✚ Motivation for Hybrids
- ✚ Battery and Motor technologies
- ✚ Hydraulics: motors, pumps, accumulators

Afternoon

- ✚ Embedded systems - control strategy & electronics
- ✚ Safety, Recycling, Serviceability

Day 2: (Dec 12th 2009)

Morning

- ✚ Electric & Hydraulic Hybrids, Plug-in Hybrids

Afternoon

- ✚ Incentives: Worldwide
- ✚ Stimulus packages
- ✚ Interactive session with Audience

Note: Registration starts at 8.45 AM

Speaker

Dr. Arun Jaura, VP – Technology & Head, Eaton India Engineering Center in Pune, India. He has over 25 years of experience in off road and on-road mobility. Prior to joining Eaton, he was Group CTO in Mahindra & Mahindra, and before that headed Global Product Development for M&M Auto Sector. He headed Vehicle Engineering for Ford's Escape Hybrid Platform. He has 5 patents issued in US / Europe, 37 papers published in International and National journals and conferences. He is a recipient of 2004 Henry Ford Technology award and is a SAE Technical Fellow. He is an industry expert in many domains, hybrids being one of them.

Dr. Sudhakar Potukuchi, Engineering Head, Aerospace & Hydraulics, EIEC, Pune, Sudhakar has more than 12 years of diverse experience in Technology Leadership, Robust Design Methodologies and Leadership Trainings. Prior to joining Eaton, Sudhakar worked with GE John F. Welch Technology Center in Bangalore for 8 years. Sudhakar is a GE certified Six Sigma Master Black Belt & Quality Leader

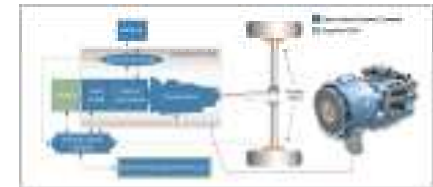
Yogesh Deo, Head, Global Engineering team for Eaton's truck division located at Eaton India Engineering Center, Pune, has automotive experience of about 20 years in power train area. Prior to Eaton, he has handled various responsibilities in Dana corporation including business development, Project Management and Engineering. He also headed global product development projects involving multi-location teams from US, China, India and Spain. Worked on many product introductions since was involved in Dana's green-field project, Spicer India Ltd. He has 2 US patents in his name.



TOPTECH on Hybrid Solutions for Personal and Mass Mobility

Conducted by

Dr. Arun Jaura
Dr. Sudhakar Potukuchi
Yogesh Deo
of
Eaton Corporation



Organized by :

SAEINDIA

