

# First Announcement & Call for Papers

Sustainable Mobility - A Creative Challenge



## Symposium on International Automotive Technology

**SIAT 2011**  
19-21 January 2011

**SIAT EXPO 2011**  
19-22 January 2011

Venue : **ARAI Campus**  
Pune, INDIA

Organised by



The Automotive Research Association of India

In association with



## THE COUNTDOWN BEGINS FOR SIAT 2011



**Shrikant R Marathe**

Director-ARAI

Chairman

SIAT2011 Advisory Committee

Symposium on International Automotive Technology (SIAT) is a benchmark event organized by ARAI biennially. SIAT serves as an important forum for presenting the achievements and innovative strengths of the automotive industry.

The forthcoming 12<sup>th</sup> edition of Symposium on International Automotive Technology 2011 (SIAT 2011) is scheduled at ARAI, Pune (India) from 19<sup>th</sup> to 22<sup>nd</sup> January 2011. SIAT 2011 will focus key areas like Safety, Alternate Fuels, Future Engine Technologies, Emissions, NVH, Automotive Electronics, Structural Evaluation, Vehicle Engineering and Materials. The theme of SIAT 2011 "Sustainable Mobility - A Creative Challenge" is in continuation with our previous theme ECO-Mobility. It is apt for the current times as it focuses on innovative advancements in automotive technologies to meet future challenges.

The world is witnessing an unprecedented growth in the personal mobility. Automotive sector in India is also

booming. With the globalization of Indian economy, several multi-national companies have set up their manufacturing plants in India, making India a global automotive hub. Rapid spurt in demand and stringent regulations have posed challenges before the automotive industry to produce safer, fuel-efficient and eco-friendly vehicles. Indian component industry is also emerging as a major supplier for the global auto market. This highlights the need for innovation to develop high performance, cost effective, fuel efficient and clean vehicles for future generations.

SIAT brings automotive experts across the globe together on a common platform to share their thoughts and innovative ideas concerning recent developments in the automotive technology. Overseas experts will get a chance to interact with the counterparts from the Indian automotive OEM and Component Industry and share ideas and explore business opportunities.

SIAT EXPO 2011 will also be conducted concurrently, offering auto and allied companies to display their products / technologies. In SIAT EXPO 160 stalls will be available to prospective national and international exhibitors. Tentative layout of the stalls is presented in this announcement.

I have great pleasure in bringing out this 1<sup>st</sup> Announcement of SIAT 2011. The first announcement invites professionals, engineers and academicians to present / share their work in the field of automotive technology during this Symposium.

The Advisory Committee looks forward to receive continual wholehearted support from entire Automotive Community.

### SIAT 2011 SUPPORT

SIAT 2011 is organized with support from -

- ACMA
- IIP
- MoHI&PE
- NATRiP
- SIAM
- ARAI
- MoC & I
- MoP&NG
- SAEINDIA
- TMA
- CIRT
- MoE&F
- MoRTH
- SAE International
- VRDE

### PROGRAMME SCHEDULE

### SIAT 2011

### SIAT-EXPO 2011

PROGRAMME SCHEDULE		SIAT 2011	SIAT-EXPO 2011
19 January 2011	Wednesday	Inaugural Session & Technical Sessions	Inauguration & Exhibition
20 January 2011	Thursday	Technical Sessions	Exhibition
21 January 2011	Friday	Technical Sessions and Valedictory Session	Exhibition
22 January 2011	Saturday	-	Technology Theater and Exhibition

## TOPICS

Technical and keynote papers on the following topics are invited:

- Automobile Body / Safety
- Vehicle Dynamics
- Durability Evaluation Techniques
- CAE Methodology / Virtual Testing
- Automobile Chassis, Brake, Steering, Suspension, Tyres and Wheels
- Power-train
- Engine
- Emission (Euro IV and Beyond)
- Alternative Fuels
- Conventional Fuels
- Fuel Quality (Euro IV and Beyond)
- Hybrid / Electric Vehicle / Fuel Cells
- Materials
- Automotive and Embedded Electronics
- NVH
- Inspection and Maintenance Programme
- Global Harmonization of Standards
- Off-road Vehicles
- Emission Inventory and Ambient Air Quality

## CALL FOR PAPERS

Abstracts of papers are invited from the experts so as reach the Convenor before Friday, 2<sup>nd</sup> April 2010. Abstract should be limited to maximum 300 words, emphasizing significance of analytical / experimental study and originality of the contribution. The abstracts will be evaluated by a group of experts and draft manuscripts will be invited for the selected abstracts for evaluation according to SAE technical paper quality guidelines.

### AUTHOR'S GUIDELINES

- Technical papers accepted for publication and presentation in SIAT2011 will be given SAE paper numbers and will find place in SAE database.
- These papers are required to follow SAE technical paper writing guidelines as summarized below :

### Guidelines for Manuscript

- It has to be an original contribution or constructive review of any technical field.
- Performance claim and all conclusions must be supported by test data or validated simulation.
- Editorial quality must be maintained at a high level.
- Figures, graphs, photographs, etc. should be clear and properly labeled.
- Commercialism / business promotion should be avoided.
- Content has to be free from technical errors.
- The content of the paper should not have been published elsewhere.

## IMPORTANT DATES

DESCRIPTION	LAST DATE
Receipt of Abstracts	Friday – 2 <sup>nd</sup> April 2010
Acceptance of Abstracts by the Evaluation Committee	Friday - 14 <sup>th</sup> May 2010
Receipt of Draft Manuscripts	Friday – 2 <sup>nd</sup> July 2010
Receipt of Final Papers	Monday – 8 <sup>th</sup> November 2010

## DELEGATE FEES

Category	Upto 8 <sup>th</sup> November 2010	After 9 <sup>th</sup> November 2010
<b>INDIAN</b>		
Indian Author(s) (first author only)	Rs.6,000/-	Rs.6,500/-
Indian Delegate(s)	Rs.12,000/-	Rs.13,000/-
Indian Delegates*	Rs.10,000/-	Rs.11,000/-
<b>FOREIGN</b>		
Foreign Author(s)	US\$ 500	US\$ 550
Foreign Delegate	US\$ 700	US\$ 750

\* (Group Discount for more than 5 delegates from the same company)

Delegate fee is payable by cash or through Demand Draft in favour of "The Automotive Research Association of India" (ARAI), payable at Pune, India. Registered delegates will be entitled to participate in the Symposium, Exposition, Luncheons and Cultural Programmes. They will also receive Symposium Proceedings and Delegate Kit. A Reference Technical Bulletin will be published to commemorate SIAT2011. It will also provide an opportunity for sharing various technical advancements in automotive technology. Technical notes, case studies, product information, etc., are invited for inclusion in the souvenir.

To register on-line, log on to [www.araiindia.com](http://www.araiindia.com)

## AWARDS

### TECHNICAL PAPERS (Specified Category)

- Best International Paper
- Best Indian Paper on Environmental Pollution
- Best Oral Presentation

### TECHNICAL PAPERS (Open Category)

- First Prize
- Second Prize
- Third Prize

### AWARDS FOR SELECTED EXHIBITION STALLS

- First Prize
- Second Prize
- Third Prize

## REFERENCE TECHNICAL BULLETIN

A Reference Technical Bulletin will be published to commemorate SIAT2011. It will also provide an opportunity for sharing various technical advancements in the automotive technology. Technical notes, case studies, product information, etc., are invited for inclusion in this souvenir.

### For registration, correspondence, Please Contact:



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For more information, visit our site  
[www.araiindia.com](http://www.araiindia.com)

## SIAT-EXPO 2011

Grand exposition of automotive technology, products and equipment pertaining to auto industry is being organized concurrently during SIAT2011. This exposition is open to automotive personnel and interested public and will provide great opportunity to share and disseminate information and conduct business. Total 160 stalls will be booked on first-come-first-serve basis. Please intimate to us your interest in reserving the stalls.

Stall charges would be Rs. 6000/- per sq.mtr. and standard size of stall would be 4 mtr. X 4 mtr.

### For booking of stalls in SIAT EXPO 2011 please contact:

#### Dr. S. S. Thipse

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## SIAT-EXPO 2011 LAYOUT

