



Address of Venue:

Eagleton Resort (Near Wonder La)
30 Km, Bangalore – Mysore Highway
Bidadi, Bangalore – 562 109
Phone : +91-80-2263-2222 **Fax**: +91-80-2263-2233
Cell: +91-98456-91121 **Web**: www.eagletonindia.com
E-mail: reservations@eagletonindia.com

For Further Details Contact:

Mr P Dhandapani
Aerodynamics Division, ADE
New Thippasandra Post, Bangalore – 560 075
Phone : +91-80-25058109 **Cell**: +91-9980334095
Fax : +91- 80-25283188
E-mail : sarod2011@gmail.com

Sponsorships:

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Cell : +91-9448928688
E-mail : avvelan@gmail.com

Advertisement in Souvenir:

Mr Rajagopal S, ADE
Cell : +91-9449766873
E-mail : raja@ade.drdo.in

Exhibition Stalls:

1. Mr V Y Mudkavi, NAL
Cell : +91-9449347904
E-mail : vm@ctfd.cmmacs.ernet.in
2. Mr V Gopalakrishnan, CABS
Cell : +91-9980099011
E-mail : v_gkrishnan@yahoo.com

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Mr A Vadivelan, ADE, Treasurer
Mr P Dhandapani, ADE, Secretary

The Venue:

Bangalore is Asia's fastest growing cosmopolitan city. It is home to most high tech industries in India and is commonly acknowledged as the Aerospace Capital of India. Bangalore is also home to some of India's premier scientific establishments. In addition to the Aeronautical Development Establishment and Aeronautical Development Agency, the city boasts of several major aerospace organizations like CABS, CEMILAC, DARE, GTRE, HAL, NAL, etc. Apart from Aerospace Laboratories, the city has several major institutes of scientific research, including the Indian Institute of Science, Jawaharlal Nehru Center for Advanced Scientific Research and the Raman Research Institute.

Bangalore is popularly known as the Garden City of India because of its salubrious climate, picturesque parks, gardens and other scenic spots. The temperatures during November are around 28°C maximum to 15°C minimum. Bangalore is India's silk market and export centre and its shopping centers offer a fine selection of silk, sandalwood and inlay work in brass and rose wood, in addition to showcasing the fascinating variety of folk theatre of Karnataka.

Registration Fees for SAROD-2011:

Public Sector, Govt. Organisation,
Academic Institution : Rs 4500/-
Private Organisation : Rs 5500/-
Aerospace Engg. Students
(Limited Number) : Rs 500/-
Foreign Participants : \$ 350/-

NOTE

1. Registration fees shall be through Demand draft or multi city cheque payable at par at all branches of the bank.



Vidhana Soudha

Lalbagh

5th Symposium on Applied Aerodynamics and Design of Aerospace Vehicles



SAROD-2011

www.sarodonline.org

Venue:

Eagleton Resort, Bangalore, INDIA
16-18 November 2011

&

Workshop on Drag Prediction (WDP)

15 November 2011



Second Announcement



Important Dates:

Pre Registration Starts from : 01 Feb 2011
Submission of Extended Abstract : 30 June 2011
Notification of Acceptance of Paper : 31 July 2011
Submission of Full-length Paper : 31 Aug 2011
Closing of Registration : 31 Oct 2011

**5th Symposium on Applied Aerodynamics
and Design of Aerospace Vehicles
16 to 18 November 2011**
&
**Workshop on Drag Prediction (WDP)
15 November 2011
Bangalore**

Scope of the Symposium:

SAROD-2003, SAROD-2005, SAROD-2007 and SAROD-2009 were organized to share the experiences of personnel involved in aerospace vehicle design programmes that are being pursued in India and abroad. The overwhelming response was indicative of the strong desire among the aerospace designers to have a forum to learn from each other, add value, share, work together and reach higher levels of understanding of flight aerodynamics. This sentiment is the driving motivation for SAROD-2011.

SAROD-2011 will be held in the capital city of Karnataka state, Bangalore, India during 16 – 18 November 2011. The symposium is aimed at bringing together people working in different aspects of applied aerodynamics and the design of aerospace vehicles, from both within and outside India, to share their insights.

The symposium focuses on recent developments in the area of aerospace vehicle design with emphasis on experimental aerodynamics.

The areas to be covered are:

- Conceptual aerodynamic design
- Wind tunnel testing, including model design and rapid prototyping
- Wind tunnel instrumentation and balance design
- Applied CFD
- Missile and launch vehicle aerodynamics
- Manned and unmanned aircraft
- Aerostats and Airships
- Mini & Micro UAVs
- Applied flight mechanics and controls
- Aerothermal design, analysis and testing
- Aeroelasticity and fluid structure interaction
- Aerodynamic databases and portals
- Multi-disciplinary design optimization
- Wind energy and wind turbines

Scope of the Workshop:

The WDP provides a forum for the practicing Aerospace Engineers to understand the implications of different estimates of the aerodynamic coefficients. In WDP, experts both from India and abroad, will share with the audience their experience. There is no separate registration fee for WDP. A maximum of sixty registrants can be accommodated on a first-come-first-serve basis. Further details on WDP may be had from:

Prof. N. Balakrishnan, IISc Cell: +91-9448466504
E-mail: nbalak@aero.iisc.ernet.in
Dr. K. P. Singh, ADA Cell: +91-9845788470
E-mail: kpsingh@jetmail.ada.gov.in

Call for Papers:

Extended abstracts of technical papers for presentation at SAROD-2011 are solicited in the above-mentioned areas. The abstract should have the complete information, which includes the title, author's affiliation, contact details, etc. The abstract should be minimum of 2 pages, in MS-Word format and emailed to the following address: sarod2011.review@gmail.com

Submitted abstracts will be peer reviewed and authors of selected abstracts would be requested to submit the full length paper. The papers selected would be published in the symposium proceedings.

About the Organizers:

The symposium is being jointly organized by ADE and ADA, under the aegis of TAAI (Trust for Advancement of Aerodynamics in India). WDP is being organised by IISc, ADA & ADE.

ADE:

Aeronautical Development Establishment is an ISO 9001:2008 certified DRDO lab. ADE is a center for development of state-of-the-art aeronautical systems for the Defence Services. ADE has thrust areas in design and development of UAVs, Systems for Combat Aircraft, Flight Simulation and Air Weapon Integration. The areas of core competence of ADE in the design and development of UAVs are in System Design, Aerodynamic Configuration Design, Structural Design, Flight Controls and Avionics, Propulsion System Integration, Airborne Sensor Stabilization, Aerial Image Exploitation, Flight Testing and Evaluation. ADE is also involved in the development of systems for combat aircraft viz. Fly-by-wire Flight Control Systems, Cockpit Display and Air Weapon Integration. It is also a center for development of Flight Simulators for Pilot Training and to support Aircraft Design and Aeronautical Research.

ADA:

Aeronautical Development Agency, Bangalore, an autonomous body under Ministry of Defence, is the nodal agency for the design and development of TEJAS, India's Light Combat Aircraft (LCA) and is working on futuristic combat aircraft for the defence forces.

National Advisory Committee:

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Program Director, ADA, Co-Chairman
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Mr Biju Uthup, India, Convener

SAROD – 2011

**5th Symposium on Applied Aerodynamics
and Design of Aerospace Vehicles**

16-18 November 2011

&

Workshop on Drag Prediction (WDP)

15 November 2011

Bangalore, India

PRE-REGISTRATION FORM

Prof. Dr. Mr. Mrs. Ms.

Name: _____

Affiliation: _____

Address: _____

Tel No: _____ Fax No: _____

Cell: _____

E-mail: _____

DD/Cheque No: _____ Dated: _____

Drawn on Bank: _____

- I intend to register for the symposium
- I intend to register for the WDP.
- I want further information.
- I intend to submit a paper.

Title of the paper: _____

My company/ Organization would like to sponsor the symposium

Date

Signature