

INTRODUCTION

National Aerospace Laboratories (NAL) was established in 1959 under the Council of Scientific and Industrial Research (CSIR) and is celebrating its Golden Jubilee from June 2008 to May 2009. NAL is the premier R&D laboratory in India in the field of aerospace engineering and has successfully contributed to all the major national projects in the aeronautics and space sector. It has set up excellent facilities and built significant expertise in aerospace R&D. The strength thus accumulated led to initiation of programmes related to development of civil aircraft, which started in the late eighties on a very modest scale. An all composite Light Canard Research Aircraft was built and flown in 1987 which was followed by the design and development of a two seat, all composite trainer aircraft called HANSA-3 which was type certified by DGCA in the year 2000 under JAR-VLA category. As on date, thirteen HANSA-3 aircraft have been built. Efforts are underway to get this aircraft certified by CASA in Australia in collaboration with RMIT, Melbourne.

Subsequently, NAL has embarked on the development of a light transport aircraft (SARAS) presently undergoing flight-testing. The aircraft is expected to achieve type certification (FAR 25) by 2010. NAL has now proposed development of a regional transport aircraft in the 70-seat capacity with several new technologies. This initiative has received an 'in-principle' approval from CSIR.

The growth of civil aeronautics in the country is looking up, and there are definite signs of catching up with the remarkable growth in the civil aviation sector. This conference is intended to survey and consolidate the state-of-the-art in the design development and operation of civil aircraft. The conference will provide an opportunity for international R&D organizations, academia and

industries to present their latest achievements and explore possibilities of networking with similar institutions in the country which is critical to reduce cost and time and to boost business opportunities. This conference will also showcase the civil aircraft technologies developed by NAL.

This conference will be spread over three days (25 - 27 May 2009) and will consist of plenary/invited talks from experts in the field from India and abroad. Multiple parallel sessions are planned including poster sessions as well as exhibits from industries.

CALL FOR PAPERS

You are invited to submit an abstract (or paper) on any topic pertinent to civil aeronautics, including aircraft design, manufacture, certification and maintenance, air transport and related topics (market research, air travel demand forecasting, operations research (OR) applications, modeling, airline operations-policy analysis-management, logistics etc), systems technology, airspace/air traffic management, infrastructure development etc. Abstracts must contain enough information for the referees to evaluate your contributions (theoretical, methodological, and/or empirical). Specific topic areas include but are not limited to the following broad themes:

- Aircraft Design
- Materials and Structures
- Manufacturing
- Systems
- Flight Testing
- Certification
- Airline/Airport operations-economics-performance, Air Transport Modeling
- Maintenance, Repair and Overhaul (MRO)
- Future scenario for the civil aeronautics market and aviation industry
- Future concepts in aircraft design

IMPORTANT AND EXTENDED SUBMISSION DATES

Submission of Abstract : 28 February 2009
Acceptance of Abstract : 30 March 2009
Submission of full papers : 24 April 2009
Early/ Advance
Registration Deadline : 1 May 2009
Conference Dates : 25-27 May 2009

REGISTRATION

<i>Registration Fee</i>	<i>Delegates from India (per person)</i>	<i>Delegates from abroad (per person)</i>
Individual:		
• R&D and academic instt.	Rs.4000	USD 400
• Industry	Rs.5000	USD 450
Group of 4 or more from the same organization	Rs.3000	USD 300
Students	Rs.1000	USD 150

Registration fee includes copy of the conference proceedings, participation in technical sessions, refreshments, lunch and a conference banquet dinner but does not include accommodation charges. Request for accommodation if required, may please be forwarded to the convener.

EXHIBITION AND SOUVENIR

An exhibition would be organized to display industrial products in the areas of interest to the conference and the souvenir will be released. For exhibition fee, souvenir tariff and other details, please visit conference web site.

WEBSITE

For details please visit conference web site:
www.nal.res.in/nal50/incca2009

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Representatives from sister institutions and
NAL departments.

CONVENER OF THE CONFERENCE

Dr. M.N. Sathyanarayana, Joint Head, KTMD, NAL.

**Abstract to be submitted as an E-mail attachment to:
ntc_incca@nal.res.in**

(Please see the guidelines given belows for abstract format)

TITLE OF YOUR PAPER

Your Name
Your Affiliation and Address
Phone and Fax
E-mail

Text of your abstract should be in 1.5 line space in
12 point Times New Roman Font (or equivalent).
Your abstract should be within 250-300 words, and
should include purpose of the paper; methodology;
anticipated results or contributions to literature,
industry or society. Abstracts must contain enough
information for the referees to evaluate your
contributions (theoretical, methodological, and/or
empirical).

To assist in the classification of your contribution, you are
requested to explicitly mention up to two (2) related topic
areas (covered by the specific topic list of bullet points).

Please E-mail your abstract to
The Secretary, Technical Committee, INCCA 2009
(ntc_incca@nal.res.in)

FOR DETAILS CONTACT:

Dr. M.N. Sathyanarayana
Convener, International Conference on Civil Aeronautics
(INCCA 2009)
Joint Head, Knowledge & Technical Management Division
(KTMD)
National Aerospace Laboratories
HAL Airport Road, PB 1779, Bangalore 560 017, India
Tel: 91-80-2508 6130 / 6120
Fax: 91-80-2508 6166
E-mail: convener_incca@nal.res.in

50 Years of National Aerospace Laboratories



International Conference on Civil Aeronautics (INCCA 2009)

May 25-27, 2009

Final Announcement and Call for Papers

Organised by

National Aerospace Laboratories
(Council of Scientific & Industrial Research)
BANGALORE, INDIA

Venue

National Aerospace Laboratories
Bangalore, India

Conference Website

www.nal.res.in/nal50/incca2009
E-mail: ntc_incca@nal.res.in

Golden Jubilee Year (June 2008 - May 2009)