

Introduction

The National Aerospace Laboratories (NAL) was established in 1959 under the Council of Scientific and Industrial Research (CSIR), and will be celebrating its Golden Jubilee Year during 2008-09. As a part of this an International Conference is being organized on Product Life cycle Modeling, Simulation and Synthesis (PLMSS), jointly with ADA, DRDO, HAL and IISc. Product innovation is increasingly becoming the main tool for competitive advantage and a crucial driver for economic growth. In this scenario, organizations strive to quickly realize superior quality and cost effective products by adapting to the state of art technologies in product development. Computer based tools available today have contributed to increased productivity. In order to make the transition from being efficient to being innovative, the entire product life cycle has to be managed better to enable collaboration between the various stakeholders in the product. Managing the life cycle activities of the product development is a major challenge because of the lack of integration between the tools used to perform various product development and delivery functions, between the digital world where the product takes shape and the real world where the product is made, used and serviced. This conference aims at bringing academicians, researchers and practitioners from industry together to share their solutions to address the above challenges, best practices and new trends in all disciplines of product development life cycle.

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Website

For detailed information, online pre-registration and updates, please visit the conference web site:
www.nal.res.in/nal50/plmss08
www.cpdm.iisc.ernet.in/plmss08

Call For Papers

The abstract should have the complete information, which includes the title, authors, authors' affiliation, contact details etc. The abstract should be around 500-800 words on the related themes of the conference. The abstract and final paper submission should be made electronically in MS Word format, emailed or posted. Papers are limited to 10 typeset pages in length, including figures and references and should present previously unpublished original results. All papers will be peer-reviewed and selected for presentation during conference with publication in the proceedings. Submission formats and guidelines can be obtained from the conference website.

Registration

Registration Fee	Delegates from India	Delegates from abroad
Individual	Rs.4000	USD 400
Group of 4 or more from the same organisation	Rs.3000 each	USD 300 each
Students	Rs.1000	USD 150

The registration fee includes a copy of the Conference Proceedings, working lunch, tea/coffee on both the conference days. Paper authors are expected to register. Registration forms can be downloaded from the conference web site.

Mode of Payment

Payments should be made through crossed demand draft drawn on any nationalized scheduled bank in favour of 'PLMSS', payable at Bangalore and sent to the convener of the conference.

Areas of Interest

- **Product Definition:** CAD/Geometrical Modeling, Requirements Engineering, Conceptual Design.
- **Product Visualization:** Computational Graphics, Virtual Prototyping, Distributed Visualization.
- **Product Modeling and Simulation:** Simulation Based Engineering, Computer Aided Engineering, Multi Disciplinary Analysis and Optimization, Smart Structure Modeling and Analysis.
- **Product Development Frame Work:** Knowledge Based Engineering, Life Cycle Management, Distributed Data Management, Secure Data Exchanges, Information and Knowledge Modeling. Methodologies and ICT Infrastructure for PLM.
- **Product Delivery:** Product Maintenance, Service and Repair, End-of-Life.
- **PLM Education**

Important Dates

Receipt of Abstracts : 18 April 2008
Receipt of Papers : 5 June 2008
Acceptance of Papers : 5 September 2008
Final Paper Submission : 5 October 2008
Advance Registration Closing: 5 October 2008
Conference Dates : 17-19 November 2008

Exhibition and Souvenir

An exhibition would be organized to display industrial products in the areas of interest and the souvenir will be released. For exhibition fee, souvenir tariff and other details, please visit the conference website www.nal.res.in/nal50/plmss08

For details contact

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50 Years of
National Aerospace
Laboratories

International Conference on
Trends in Product Life Cycle, Modeling,
Simulation and Synthesis PLMSS – 2008

17-19 November 2008

First Announcement and
Call for Papers



Venue: National Science Seminar Complex
Indian Institute of Science
Bangalore, India

Conference website

www.nal.res.in/nal50/plmss08
www.cpdm.iisc.ernet.in/plmss08



NAL Golden Jubilee Year 2008-09