



## PRODUCT LIFE CYCLE MODELING, SIMULATION AND SYNTHESIS (PLMSS) TRUST

[Established in 2014]

Registered Office : CSIR – National Aerospace Laboratories,  
P.B. No. 1779 HAL Airport Road, Kodihalli, Bengaluru, 560017, India

### 10th Anniversary of the PLMSS Trust and 5th Foundation Day

Workshop on “ **Digital Transformations - Digital Twin/Digital Twin** ”

6-7 March 2025 – Bengaluru, INDIA

**Venue:** Radisson Blu Hotel, 90/4, Outer Ring Road, Marathahalli, Bengaluru -560037

*On the Occasion of the Tenth Anniversary of the formation and as also part of the 5th Foundation Day, the PLMSS TRUST is happy to announce a two day Workshop on Digital Transformations with the Theme - “**Digital Twin/ Digital Thread**” to be held on March 6-7, 2025 at Radisson Blu Hotel, Marathahalli, Bangalore 560037.*

**About PLMSS Trust:** PLMSS TRUST was registered on 3rd December 2014 as a non-profit organisation. It was formed in order to take up research, aid, promote, guide, manage, coordinate, execute and disseminate activities in the following areas:

- Computer Aided Design (CAD)
- Computer Aided Manufacturing (CAM)
- Computer Aided Engineering (CAE)
- Product Lifecycle Management (PLM)
- Enterprise Resource Planning (ERP) and other related topics

**Product Lifecycle Management (PLM)** is the process of managing entire lifecycle of a product from its inception through its linkage to system engineering philosophy and forms a platform for design, development, manufacturing, operations etc throughout the life of the product. PLM increases productivity and eliminates wastes and thereby acts as a pillar for innovation driven industries. Product Lifecycle Modeling Simulation will be a platform to exchange ideas and information about the latest PLM practices to achieve product excellence and improve yield. The intention of the conference is to unify R & D institutes, academia and industry to discuss over novel methods, challenges and possibilities in PLM in the space system perspective. Kindly visit <https://plmss.org.in/>

**About the Workshop:** Digital Transformations are increasingly become important in the current scenario because of the implementation of the PLM systems. It is necessary to go in for further digitalization as according to CIMdata it exploits application architectures to enable new high value business models. There are digitalizations which are directly connected to PLM, some are related to PLM while some are in PLM. To further fully utilize the PLM system and take it further, implementing Digital Thread (DTH) and Digital Twin (DTW) in a meaningful manner is required. With the use of Model Based System Engineering (MBSE) it is imperative that we take it further and develop DTH and DTW for various applications depending on what the user wants whether it is for performance evaluation, lifing (RUL), or RAMS digital TWIN or diagnostics /prognostics digital twin.

Hence this workshop was conceived on this basis to invite speakers from various organizations, and from the academic field to share their experience along with use cases.

The workshop is framed as a two part-workshop. One Part is a two four hour sessions by CIMdata organization and the second Part consists of lectures by individuals who are experts in the area of Digital Twin /Digital Thread from Academia and Consultants working in the area of Digital transformations in Engineering disciplines.

**Day 1- Thursday March 6, 2025 Hours: 1000 hrs to 1930 hrs**

Inauguration of the Workshop at 1000 hrs on Thursday, March 6, 2025

**Day 2 – Friday March 7, 2025 Hours: 1030 hrs to 1930 hrs**

**Part I. CIM data TEAM (About 8 hrs):**

The first Part of the Workshop will be conducted by a Team from CIMdata. CIMdata is the leading independent global strategic management consulting and research authority focused exclusively on PLM and the digital transformation.

Speakers :

- **Mr. Peter Bilello President and CEO – Live**
- **Mr James L Roche their Practice Director, Aerospace & Defense – Online**
- **Speaker to be announced- Live**

Speaker Details and Overview of the Workshop are given in Annexure

**Part II. INVITED SPEAKERS – Academia and Industry (about 5 to hrs)**

The Second part consists of Invited Speakers from Academia, and Industry.

Speakers:

**Prof. B Dattaguru** – Former Professor, IISc, Aerospace Department, Currently, Advisor, Jain University, Bangalore. – **Live**

**Prof. S Gopalakrishnan** - Professor, Aerospace Department, IISc. Bangalore. - **Live**

**Prof. Dr-Ing. Martin Eigner** - Eigner Engineering Consultant, Baden-Baden, Germany. - **Online**

*Organising Team Members details.*

**Dr. C P Ramanarayanan**, Chairman and Managing Trustee, PLMSS Trust E-mail: ramvizag@rediffmail.com

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**Registration Fees: Rs. 2,000/- (Registration fee includes Workshop Kit, Tea/Coffee, Lunch on both days)**

Way of payment by NEFT/DD/Cheque : For Bank Transfer, please mention Number / Name in remarks column, Bank details are as given below:

Account name	PLMSS Trust
Account No.	41357119119
IFSC Code	SBIN0061768
Bank Name	State Bank of India
Branch	ARDC Campus, Bangalore - 560037

*Cheque and DD should be drawn in favour “PLMSS Trust” payable at Bengaluru*

*If any assistance for registrations please contact:*

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