

Industry-Institute Meet on Light Alloys and Composites for Defence and Strategic Applications

Organized by

CSIR - NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY (NIIST)
THIRUVANANTHAPURAM



Date: 17th November 2021

Time: 9:00 AM

Through MS Teams (Online)



Under 4M (Mining, Minerals, Metals and Materials) Theme of CSIR

CSIR - NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY (NIIST)
THIRUVANANTHAPURAM 695019

About CSIR-NIIST

The CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, is a constituent Laboratory of the Council of Scientific and Industrial Research (CSIR). Initially established in 1975 as a CSIR Complex, it was named as the Regional Research Laboratory in 1978 and Later renamed as NIIST in 2007. Its mandate is to conduct research and development activities of the highest quality in areas related to effective utilization of resources of the region and of fundamental importance to the country. Currently NIIST is engaged in R&D programs in areas related to Agro-processing and Technology, Chemical Science and Technology, Materials Science and Technology, Microbial Processes and Technology, and Environmental Technology. Light weight metallic materials is one of the key area of research at CSIR-NIIST.

About the programme

CSIR-NIIST is organizing Industry-Institute Meet on Light Alloys and Composites for Defence and Strategic Application. The objective of the meet is to bring the experts from the R&D institutions and industries/user organizations on a common platform to deliberate on the advancement of light metals, alloys and composite technologies and its importance towards the applications in defence and strategic sector. This meeting envisages a brain-storming session with a focus on identification of needs from the user industries and sharing the capabilities of the institutes for development projects. This program is part of R&D activities under 4M (Mining, Minerals, Metals and Materials) Theme of CSIR.

Meeting Link (Microsoft Teams-Online)

Date: November 17, 2021 (9:00 AM)

[Click here to join the meeting](#)



Meeting link:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODFhZTcwNTktN2MwOC00MjE2LTliOTMtN2Y3NGI5NzJkNzc2%40thread.v2/0?context=%7b%22Tid%22%3a%22b867f20e-8a9c-4603-b5ab-39c3840dfb64%22%2c%22Oid%22%3a%228a6e3d81-87e1-4f87-86b9-83d88b7e6cc2%22%7d

Programme

Date: November 17, 2021; Time: 9:00 AM (MS Teams Online)

Welcome Address and About the Event:

Dr. M. Ravi, Chief Scientist, CSIR-NIIST, Thiruvananthapuram

Presidential Address:

Dr. A. Ajayaghosh, Director, CSIR-NIIST, Thiruvananthapuram

Introductory Remarks:

Dr. Indranil Chatteraj, Director, CSIR-NML, Jamshedpur

Time: 09:30 AM: Invited Lecture 1

Prof. B.S. Murty, Director, Indian Institute of Technology Hyderabad, Hyderabad

Title: High Strength Al Alloys and In-situ Composites

Time: 10:00 AM: Invited Lecture 2

Shri M.S. Venkatesh, Executive Director (Foundry & Forge), Hindustan Aeronautics Limited, Bengaluru

Title: Light Alloy Castings and Forgings for Aerospace- Challenges

Time: 10:30 AM: Invited Lecture 3

Dr. S.C. Sharma, Associate Director (R&D), Vikram Sarabhai Space Centre, ISRO, Thiruvananthapuram

Title: Role of Indian Industry towards Self-Reliance in Light Materials for Space Applications

Time: 11:00 AM: Tea Break

Time: 11:15 AM: Invited Lecture 4

Dr. Chandan Mondal, Scientist F, Defence Metallurgical Research Laboratory, DMRL-DRDO, Hyderabad

Title: Aluminium Alloys for Defence and Aerospace Applications in India: Recent Developments and Key Challenges

Time: 11:45 AM: Invited Lecture 5

Dr. Vivek Srivastava, Vice President (R&D), Hindalco Industries Limited, Mumbai

Title: Advancement in Aluminium Alloys and Composites for Strategic Sectors

Time: 12:15 PM: CSIR Perspective on Light Alloys for Defence & Concluding Remarks

Dr. A.K. Srivastava, Director, CSIR-AMPRI, Bhopal

Vote of Thanks

Dr. T.P.D. Rajan, Senior Principal Scientist, CSIR-NIIST, Thiruvananthapuram

Organizing Committee

Chairman: Dr. A. Ajayaghosh

Co-Chairman: Dr. S. Savithri

Convenor: Dr. M. Ravi

Co-Convenor: Dr. T. P. D. Rajan

Members

Dr. Srinivasan A.

Dr. Sreejakumari S. S.

Dr. Jayashankar K.

Dr. Sundararajan M.

Mr. Venkatesan J.

Dr. Parijat Pallab Jana

Dr. Sujatha Devi P.

Dr. Manoj Raama Varma

Dr. Ananthakumar S

Mr. Praveen Raj R.S.

Mr. V. Moni

Contact

Dr. M. Ravi, Convenor

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