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Member Secretary

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Chairman, AeSI Tvpm Branch

COMMUNICATION

**All communication shall be addressed to
Shri G Narayanan,**

Organising Secretary, ASET 2018
GSLV Mk III Project, Vikram Sarabhai Space Centre,
ISRO Post, Thiruvananthapuram- 695 022
Phone : 0471 2563963, 2563974, 9447065771
email : g_narayanan@vssc.gov.in
Website : <http://aset2018.vssc.gov.in>

LOCAL ORGANISING COMMITTEE

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Alt Chairman

Shri G Narayanan, LPSC

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Shri V Thanga Puthiavan, IPRC
Shri C Radhakrishna Pillai, IISU
Shri K S Nandhakumar, IISU
Shri VS Vinoj, IISU

Co Convenor

Shri Robin Alexander, LPSC

Convenor

Shri G Narayanan, GSLV Mk III/VSSC
Hon. Secretary, AeSI, Tvpm Branch

AseT 2018

**National Conference on
'Future Directions in Propulsion'**

May 11-12, 2018

LIQUID PROPULSION SYSTEMS CENTRE



Organised by

Aeronautical Society of India
Thiruvananthapuram

In association with
Liquid Propulsion Systems Centre
Thiruvananthapuram



TDAD/VSSC



AseT 2018



The Aeronautical Society of India founded in 1948, with the first Prime Minister of Independent India as the Chief Patron, promotes the advancement and dissemination of knowledge of Aeronautical and Aerospace Science/Technologies in the country.

Starting from 2008, **AeSI** Thiruvananthapuram Branch has been organizing the Annual National Conference ASET, dealing with the Emerging trends in Aerospace field and applications, enabling scientists, academicians, technocrats and industrialists to share their vast pool of knowledge and experiences. In the past decade, our country has made tremendous and vivid progress in aerospace discipline which includes development and flight testing of higher capability launch vehicles, demonstration of hypersonic re-entry and scram jet propulsion. More complex endeavors like heavy lift launch vehicles, semi cryogenic technology, advanced re-usable launch vehicles, human spaceflight, stage re-entry concepts are in the pipeline.

In this context, it is highly pertinent for AeSI to organize a National Conference with representatives, specialists and delegates from propulsion and related fields. ASET 2018 is being organized as a two-day National Conference on 'Future Directions in Propulsion' during **May 11-12, 2018** at **LPSC**, Valiamala, Thiruvananthapuram on the occasion of Pearl Jubilee Celebration of LPSC. This conference will provide a platform for synergetic interaction amongst professionals in the field of Propulsion to discuss the state of art technologies, assess the future opportunities and contribute towards the technological challenges ahead in the field of propulsion and related technologies. The two day conference will have a keynote address and invited talks, paper presentations by eminent scientists and researchers.

FOCUS AREAS

- Liquid Propulsion
- Solid Propulsion
- Electric Propulsion
- Propulsion System for inter-planetary/ manned mission
- Technologies for Re-Usable propulsion
- Nano technologies for propulsion system
- Artificial Intelligence for health monitoring & other propulsion requirements
- Spin-off applications of propulsion systems development

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CALL FOR PAPERS

Conference includes invited talks by eminent speakers in the area of propulsion together with oral and poster presentations. Prospective authors intending to contribute papers on the focus areas are requested to forward their abstracts of about 200 words for oral and poster contribution by 31st March, 2018 to the Convener by e-mail to: g_narayanan@vssc.gov.in

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Half Page : ₹. 30,000 (Thirty Thousand Only)

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REGISTRATION

Delegate fee : ₹. 5,000 (Five Thousand Only)

The fee shall be remitted through cheque/draft drawn in favour of Hon. Secretary, AeSI Tvpm Branch.

The last date for the registration is April 15, 2018

IMPORTANT DATES

- * Last date for extended abstracts : 31st March 2018
- * Acceptance notification : 10th April 2018
- * Submission of Full Paper : 20th April 2018
- * Final announcement : 30th April 2018



LIQUID PROPULSION SYSTEMS CENTRE

Liquid Propulsion Systems Centre (LPSC) is the lead centre of ISRO for design, development and realization of earth-to-orbit advanced propulsion stages for Launch Vehicles and also the in- space propulsion systems for Spacecrafts. LPSC is vested with the responsibility of design, development and system engineering of high performance Space Propulsion Systems employing Earth Storable & Cryogenic Propellants for ISRO launch vehicles and satellites. LPSC activities and facilities are spread across its two campuses viz., LPSC, Valiamala, Thiruvananthapuram and LPSC, Bangalore, Karnataka.

THIRUVANANTHAPURAM

Thiruvananthapuram, the capital of Kerala, houses many Government offices, organizations and is also a major academic hub. The city is also a tourist destination for both domestic and international tourists. There are many tourist destinations in or near the city including Kovalam beach, Sanghumukham Beach, Napier museum and Zoo, Agasthyakoodam peak, Neyyar Wildlife Sanctuary and Neyyar Dam, Kuthira Malika Palace, Sree Padmanabha Swamy temple, Ponmudi hill station, Poovar beach resorts, Varkala Cliffs and beaches and many others. Thiruvananthapuram is also famous for being the evergreen city of India. Thiruvananthapuram has an International Airport and is well connected with different parts of India through a good network of roads. Public and private bus services connect all the big and small cities inside Kerala. Thiruvananthapuram is also well-connected by the Indian railway network. This city has a climate that borders between a tropical savanna climate and a tropical monsoon climate. The mean maximum temperature is 34°C and the mean minimum temperature is 21°C. Thiruvananthapuram is the first city along the path of the south-west monsoon and gets its first showers in the early June. December, January and February are the coldest months while March, April and May are the hottest. The lowest temperature recorded during winter is 15°C, and the highest temperature recorded in summer is 39°C.

AseT 2018

National Conference on

'Future Directions in Propulsion'

May 11 - 12, 2018

REGISTRATION FORM

Name :

Designation :

Organisation :

Official Address :

email id :

Mobile No: :

I would like to participate in AseT 2018 and hereby enclose the registration form along with the registration fee:

Cheque / Draft No & Bank:

Date: Signature

Name

Registration form shall be mailed to :

Shri G Narayanan

Organizing Secretary, ASET 2018

GSLV Mk III PROJECT, PROJECT COMPLEX,

Vikram Sarabhai Space Centre,

ISRO Post, Thiruvananthapuram - 695022

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