



International Conference on  
**Recent Trends in Materials Science and Technology**

October 10 - 13, 2018  
Thiruvananthapuram, Kerala, India



*Organized by*  
Indian Institute of Space Science and Technology  
Thiruvananthapuram



*Jointly with*  
Materials Research Society of India  
Thiruvananthapuram Chapter



The International Conference on Recent Trends in Materials Science and Technology 2018 (ICMST 2018) is being organized by Indian Institute of Space Science and Technology (IIST), jointly with Materials Research Society of India (MRSI), Thiruvananthapuram

Chapter during October 10-13, 2018 at Veli, Thiruvananthapuram. The ICMST was first conducted in 2010 jointly by IIST and MRSI and was a huge success. IIST is a Deemed to be University pursuing research activities in materials for various applications including energy storage, sensors, structural, aerospace, thermal protection, etc. MRSI is an interdisciplinary society established to promote research activities in the field of materials science and technology.

In the current international scenario of advancements in the areas of planetary space explorations, automobiles, aerospace and industries, the main focus is on the processing and development of new materials, which can meet the challenges posed by the designers and engineers. This international conference is organized to give impetus to basic research and development and to spread the salient features of the research pursuits in force throughout the world. Experts from around the world will be sharing their experiences during this conference. It is aimed at bringing together the researchers, academicians, technologists and industrialists working in the relevant fields on to a common platform for the exchange of ideas and information on the latest developments and evolving collective strategies towards meeting the future requirements of advanced materials for a better and greener earth.

### About IIST

IIST, Asia's first space university with many unique features, is set up under the Department of Space (DoS), Government of India, and offers undergraduate, postgraduate and doctoral programmes in Avionics, Aerospace Engineering and Physical Sciences to meet the requirements of the Indian Space Research Organization (ISRO) and beyond. In addition to the regular curriculum, the courses have special modules focused on space science and technology. IIST focuses on high-end research activities with the country's space programmes and related innovative ventures.

### About MRSI

Materials Research Society of India (MRSI) is an interdisciplinary professional body, based in Bengaluru, which is dedicated to stimulate accelerated growth of indigenous research and development in the area of materials science and engineering and their applications. MRSI organizes technical seminars and international conferences to encourage and fortify materials research in the country. Its current membership includes Life members, Annual members, Honorary members and Patron members amounting to a total of around 3000 members. The Thiruvananthapuram chapter is one of the most active chapters of MRSI and has members from leading institutes in Kerala such as VSSC, NIIST, SCTIMST, IISER, CUSAT, University of Kerala, M G University, NIT Calicut and IIST.



### Conference Themes

The conference aims to showcase the research in the fields of

Energy Storage/Conversion Materials  
Ceramics  
Metals and Alloys  
Aerospace Materials  
Materials for Sensors  
Green Materials

Polymers and Blends  
Composites  
Nanomaterials  
Smart Materials  
Electronic Materials  
Biomaterials

### Venue and date

The conference will be held at ATF Area, Vikram Sarabhai Space Center (VSSC), near Veli, Thiruvananthapuram during October 10-13, 2018.

### Call for papers

The conference will feature technical presentations by eminent invited speakers from academic, R&D institutions and industries. There will be contributory oral/poster presentations by researchers on their work. The presentations will be brought out in the conference proceedings. The abstract of the proposed paper should be in the prescribed format (given in [www.icmst2018.org](http://www.icmst2018.org))

### Deadlines

#### Events

First announcement  
Abstract submission  
Communication of acceptance  
Registration begins  
Registration ends

#### Dates

March 14, 2018  
May 31, 2018  
June 15, 2018  
June 15, 2018  
Sep 05, 2018

### Registration

Candidates those who are interested in participating are requested to register through the website ([www.icmst2018.org](http://www.icmst2018.org)). To avail the early-bird registration fee candidates should register on or before Aug 10, 2018.

### Payments

The registration fee can be paid through online/offline payment modes. Wire transfer can be done to Union Bank of India, Valiyamala (IIST) Branch, Details are available in the website ([www.icmst2018.org](http://www.icmst2018.org))



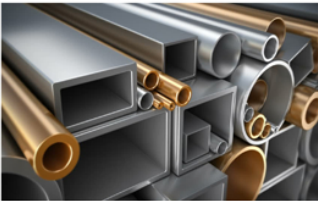
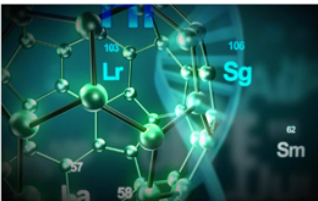
Delegate	Early Bird Registration Fees	Regular Registration Fees
Members of MRSI	₹ 4,000	₹ 4,500
Delegates from Academics and Research Institutes	₹ 4,500	₹ 5,000
Delegates from Industries	₹ 8,000	₹ 9,000
Delegates from abroad	USD 400	USD 450
Students from India	₹ 3,000	₹ 3,500
Students from abroad	USD 200	USD 250
Accompanying spouse of delegate from India	₹ 2,000	₹ 2,500
Accompanying spouse of delegate from abroad	USD 200	USD 250

### Travel and accommodation

Expenditure for travel to be borne by the participants. Speakers and participants who have registered will be provided accommodation (in the guest rooms at the venue) if needed, at a nominal rate. Offer applicable on a first come first serve basis. Participants those who require hotel accommodation are encouraged to book their rooms in advance. Suggested hotels are given in the website. Pooled transport within the city limit will be provided to the participants.

### Exhibition

The conference provides an opportunity to showcase industrial products, machineries, services, etc. in the field of materials science and technology. It will be a golden opportunity to network with professionals and academicians in the field. Exhibition booths will be provided and charges apply. Each booth will contain one table, one chair and a 5A power supply. The organizers will facilitate third party support for the additional requirements such as display systems. Each exhibitor is offered two complementary registrations and a complementary listing in the souvenir. Exhibitors are eligible for 25% concession on the full-page advertisement charges in the conference proceedings.



A conference proceeding and souvenir will be published to commemorate the event and the research work presented during the conference. The souvenir/proceedings will be available to all the registered delegates, invitees and exhibitors. It is a good opportunity for the organizations and industries to advertise their products and services in the souvenir. Advertisement tariff are given below.

Advertisement Tariff * (₹)	
Back cover (outside)	50,000
Front cover (inside)	40,000
Full Page (inside)	30,000
Half Page (inside)	15,000

\*GST extra

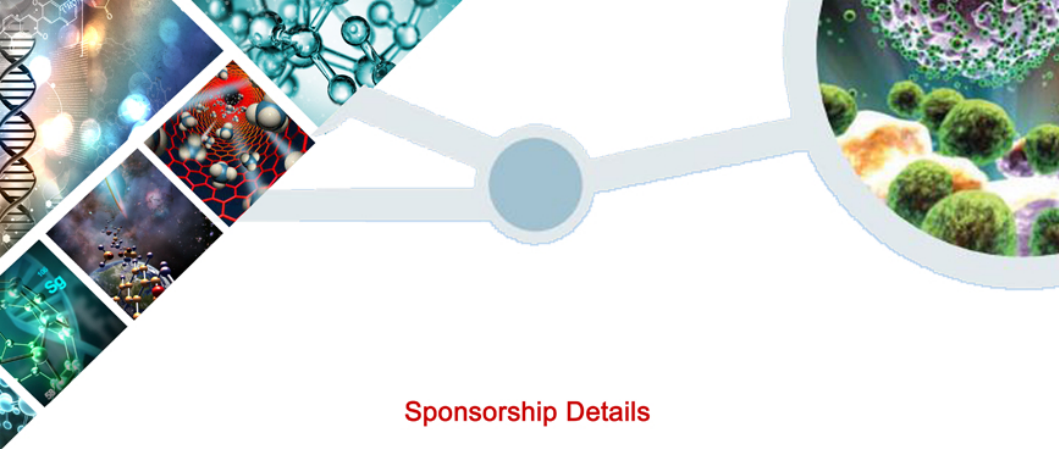
Business Opportunities

Corporates and industries are encouraged to support the conference through sponsorships. Organizers will arrange proper publicity to the sponsors during the conference. Three levels of sponsorships are available. The conference will provide a combination of business opportunities depending on the level of sponsorship. The details are given below.

Sponsorship Tariff * (₹)	
Platinum	5,00,000
Gold	3,00,000
Silver	2,00,000
Exhibition charges	1,00,000

\*GST extra





### Sponsorship Details

	Platinum	Gold	Silver
Webpage	✓	✓	✓
Color advertisement in souvenir	✓	✓	✓
Logo display	✓	✓	✓
Complementary registrations	2 nos.	2 nos.	2 nos.
Exhibition stall	Double space	Single space	—
Presentation	15 min	—	—





## Patron

Dr. K Sivan  
Dr. B N Suresh  
Dr. Girish Sahni  
Dr. Ashuthosh Sharma

Chairman, ISRO and Secretary, Department of Space  
Chancellor, IIST  
Director General, CSIR  
Secretary, Department of Science and Technology

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Dr. A Ajayaghosh  
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Dr. Sabu Thomas  
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Director, VSSC  
Director, IIST  
Director, NIIST  
Head, BMT wing, SCTIMST  
Director, IISER Thiruvananthapuram  
Director, LPSC  
Pro-VC, MG University  
President, MRSI

## Local Organizing Committee

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Dr. K G Sreejalekshmi, IIST

Dr. J Mary Gladis, IIST

Dr. Jobin Cyriac, IIST

Dr. R S Jayasree, SCTIMST (Co-convener)

Dr. K M Sureshan,

IISER Thiruvananthapuram (Co-Convener)

**Dr. K Prabhakaran, IIST (Convener)**



## Welcome to Thiruvananthapuram

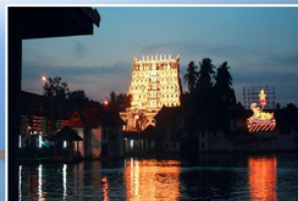
Thiruvananthapuram (was known as Trivandrum) is the capital of Kerala state, which is located at the south-west of India along the coastline of Arabian Sea. It is a quiet city with lush green coconut gardens and other trees. Kerala is a much sought-after tourist destination with palaces, temples, lakes, beaches, museum, zoo and safari parks. The world famous Kovalam beach and the Ananthapadma nabaswami temple which recently shot to fame are in Thiruvananthapuram. Another tourist spot, Kanyakumari is about 100 km. south of Thiruvananthapuram.

The city is centered at Railway Station with a radius of 10 km. It has an excellent public transport system, taxis and auto-rickshaws are also available for travel and the airport is situated 10 km away from the city center. The climate in the month of October/November is pleasant with temperature ranging from 22 °C to 34 °C.

## General Information

Thiruvananthapuram has both domestic and international airports and regular flights are operated to Gulf countries, Sri Lanka and Maldives. It is well connected by air, rail and road with other parts of the country. Air India, Indigo, SpiceJet and Jet Airways operate daily flights to Thiruvananthapuram, from New Delhi, Mumbai, Bangalore and Chennai.

Hotel accommodation is available in plenty suiting all tariff ranges. Details of the hotels in the city are available in the website ([www.keralatourism.org](http://www.keralatourism.org)) of Kerala Tourism Development Corporation.



## Correspondence

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