About NCMST 2019

Micro Systems Technology is a precision technology that integrates sensors, actuators and electronics on a common substrate through micro fabrication technology. It revolutionizes the micro system devices due to their light weight, low cost, low power consumption and mechanical flexibility thereby increasing performance, production volume and better functionality.

This conference focuses on latest trends and technologies in fabrication, packaging and assembly techniques with forecasting future trends of Microsystems. The conference shall consist of keynote addresses, invited technical talks by domain experts and provides opportunities for industrialists and researchers in this field. This conference also enables platform for exchange of research advances. The conference also aims to promote collaborations amongst academia, research institutions and industries.

Important Dates:

Pre Conference Workshop:
18th Dec 2019

Conference Dates:
19th - 20th Dec 2019

Venue:
Central Manufacturing Technology Institute (CMTI), Tumkur Road, Bengaluru, 560022

Accommodation & Travel

Conference registration office would provide guidance to book accommodation and provide travel information.

Organizing Committee

Patron:
Dr. V K Saraswat,
Member NITI Aayog & President CMTI GC

Chairman:
Dr. Nagahanumaiah,
Director, CMTI

Co-Chairman:
Smt. Usha S,
Joint Director, CMTI

Organizing Secretary:
Shri. Shanmugaraj V,
Joint Head, Center for Sensor Vision Technology and Controls, CMTI

Address Correspondence

Shri. Shanmugaraj V, Joint Head, Center-Sensor, Vision Technology and Controls (JH(C-SVTC))
Central Manufacturing Technology Institute
Tumkur Road, Bengaluru – 560022
Tel: 080-22188349, Mob: +91-9449842688
Email:ncmst2019.cmti@gmail.com | shanmugaraj.cmti@nic.in

Call for Papers

NATIONAL CONFERENCE ON MICROSYSTEM TECHNOLOGIES 2019

Organized by
Central Manufacturing Technology Institute (CMTI)
Tumkur Road | Bengaluru | 560022
www.cmti-india.net
About CMTI
CMTI is an autonomous R & D Institute under the Ministry of Heavy Industries and Public Enterprises, Government of India. CMTI was established as Central Machine Tool Institute and in the early 90’s it was rechristened to Central Manufacturing Technology Institute. CMTI has been unique in developing & injecting many technologies in manufacturing sector-first of its kind in the country. From Machine tools to aerospace to textile industries, CMTI caters to all industries. Today, Digital Design & Product Lifecycle Management, Precision engineering, Additive Manufacturing, Mechatronics, Sensor Technology, Nano Manufacturing Technology, Development of Ultra precision machine tools, Textile machinery and Smart manufacturing are the current thrust areas in CMTI.

Theme
“Engineering of Micro, Nano Systems and devices”

Scope
- MEMS - Design, fabrication and applications
- Micro systems - Silicon and Polymer based
- Advances in Packaging and characterization method
- Design of Micro and Nano Systems
- Applications and challenges in Environmental Sensing & Energy harvesting
- Micro fluidics - Materials & Fabrication
- Smart Manufacturing

Call for Papers
Papers are invited in the above mentioned areas for both oral presentation and poster session.

Submission of Manuscripts
Prospective authors are required to submit full paper in A4 size pages (number of pages limited to 6 only) including text, figures, tables, references and their affiliation and address for communication. Papers presented at conference, will undergo peer review process. All the papers presented in the conference will be published in UGC approved journal “Manufacturing Technology Today (MTT)” as a special issue being published in CMTI. The papers may be sent to ncmst2019.cmti@gmail.com. Selected papers cleared from peer review shall be published in Springer “Micro and Nano Systems Letters” Journal.

Important Dates

- Full Manuscript Submission: 30th Sept 2019
- Extended until: 21st Oct 2019
- Full Manuscript Acceptance: 25th Oct 2019
- Final Manuscript Submission: 31st Oct 2019
- Registration Start Date: 1st Nov 2019
- Registration End Date: 10th Dec 2019

Registration
Registration can be done through the registration form available at CMTI official website and sending the same to the organizing secretary. Payment may be made in the form of DD/Pay Order, payable to CMTI at Bengaluru or through net banking. DD/ Pay order may kindly be posted to Shri. Shanmugaraj V, (JH(C-SVT)) Central Manufacturing Technology Institute (CMTI), Tumkur Road, Bangalore-560022
E-mail: ncmst2019.cmti@gmail.com

Registration Fee:
- Preconference workshop (18th Dec 2019)
  - Industries | R&D | Academia: 1000.00 INR
  - Students: 800.00 INR
- Conference (19th and 20th Dec 2019)
  - Industries: 3000.00 INR
  - R&D / Academia: 2500.00 INR
  - Students: 1500.00 INR

Bank Details
Account Name: CMTI–Conference & Seminar
Account Number: 30936043211,
IFSC Code: SBIN0003297,
State Bank of India, Yeshwanthpur Branch, Bengaluru