

Thermal Spray Processes

- Thermal Spray Processes
- Coating Technology
- Bio Medical Coatings
- Nanomaterial Engineering/ Nano coatings
- Tribology
- Surface Engineering

Manufacturing and Materials Processing

- Additive Manufacturing/ Rapid prototyping
- Composite/Smart Materials
- Non Destructive Testing
- Powder Metallurgy
- Manufacturing and Life cycle Engineering
- Welding Technology
- Conventional Machining/Modern Machining Methods
- Polymer Processing Science and Technology
- Artificial Intelligence and Expert Systems
- CAD/CAM/FEA/ Automation & Robotics
- Collaborative, conceptual and feature based design

Fluid Dynamics and Thermodynamics

- Aerospace Heat Transfer
- Biofuels and Internal Combustion Engines
- Computational Heat Transfer
- Energy Conversion and Clean Energy Technology
- Heat Transfer in Fire and Combustion Systems
- Heat Transfer in Manufacturing and Materials Processing
- Low Temperature Heat Transfer
- New and Renewable Energy Technologies

Inter-Disciplinary

- Sustainable Development & role of Judiciary
- Water Conservation Laws
- Noise Pollution Management
- E-Waste Management and Legal Challenges
- Precautionary Polluters Pays Principle
- New Motor –Vehicle Bill: Challenges Ahead
- Politicization of War and Terrorism: Some Introspections
- Signal Processing / Photonics
- Communication/Embedded Systems
- VLSI/Antennae/Micro-Wave Technology
- Data Sciences
- Networks/ Network Operating System/ Security
- Artificial Intelligence / Expert Systems
- Pattern Recognition/Image Processing
- Software Engineering/Business Intelligence
- Advanced Computer Architecture

IMPORTANT DEADLINES:

Abstract Submission Deadline : 30th July, 2018

Abstract Acceptance : 5th August, 2018

Manuscript Submission Deadline: 5th September,2018

Early Bird Registration with normal fee : 10th September, 2018

CONFERENCE REGISTRATION

Mark your calendars and plan today to attend the conference on November 15-17, 2018 being organized by PUSSGRC & SOMME. Academicians, Students, Researchers, Scientists, Manufacturers, Suppliers and Research & Development organizations from International/national universities/institutions can register for the conference by clicking on the link: <https://goo.gl/forms/40114RIHvAVpk8X93>

Registrations for this conference with normal fee will close on Monday,10th September, 2018.

PANJAB UNIVERSITY SSG REGIONAL CENTRE, HOSHIARPUR

Keeping with its long tradition of pursuing excellence in teaching and research, Panjab University, Chandigarh established a Regional Centre in the Kandhi area of Punjab to cater to the academic needs of the rural students of the region in the year 2006. The Centre was started with an aim to provide innovation and pre-eminence in the fields of Engineering and Research, conforming to the standards of Panjab University, Chandigarh. This is the largest off-campus establishment of Panjab University having three constituent Institutes namely, University Institute of Engineering and technology (UIET), Department of Computer Science and Applications (DCSA) and University Institute of Legal Studies (UILS). UIET, Hoshiarpur offers Graduate Engineering programs in four branches i.e. Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Information Technology (IT), and Mechanical Engineering (ME). The institute has well qualified faculty committed to both academics and research. The centre has well equipped infrastructure, self sufficient state-of-the-art laboratories and workshops. The campus offers 100% hostel accommodation for both boys and girls with Wi-Fi facility, Health Centre, 170 Mbps leased line Internet Connectivity, buses for transportation, 24 hours uninterrupted power supply through hotline etc.

METALLIZING EQUIPMENT Co. Pvt. Ltd. (MEC)

Metallizing Equipment Co. Pvt. Ltd. (MEC) has 51 years of experience in developing Thermal Spray Equipments and Coating Technology. Company has manufacturing and service facilities that allows to make customised products or processes and support from beginning up to approval and validation. Thermal Spraying is a group of coating processes in which finely divided metallic or nonmetallic materials are deposited in a molten or semi-molten condition to form a coating. The coating material may be in the form of powder, ceramic-rod or a wire.

SOCIETY OF MATERIALS & MECHANICAL ENGINEERS (SOMME)

Society of Materials and Mechanical Engineers (SOMME) was founded and formed under the dynamic and prominent academicians Dr. Satya Prakash, Emeritus Fellow, IIT Roorkee and Dr. Buta Singh Sidhu, Dean MRSPTU as president of society. Society of Materials and Mechanical Engineers (SOMME) is a team of like minded researchers and academicians to provide for research, consultancy and advancement of and dissemination of knowledge in the field of materials and mechanical engineering and to undertake extra mural studies, extension programmes and field outreach activities to contribute to the development of society. Focusing at the objective, the society members were organizing the national and international conferences every year on the title of “Advancements and Futuristic Trends in Mechanical and Materials Engineering” since 2010. Continuing the tradition, this year, this conference is again going to be organized at international level From 15th to 17th November, 2018

CONFERENCE

PUSSGRC & SOMME are organizing 3rd International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (AFTMME). This Conference is a three-day event that takes place every year. This year it will take place from Thursday 15th Nov, 2018 to Saturday 17th Nov, 2018. This conference is a platform to understand applications of concepts of Material Science and Mechanical Engineering. This conference offers many opportunities for developing professional contacts and is a great networking event. The conference involves a three-day programme of over 12 sessions including plenary sessions, poster presentations, technical sessions and Intellectual Property Rights (IPR) workshop. Keynote lecture and the invited talks during plenary sessions will be by eminent researchers, which will help participants to explore novel areas of research. This conference will help the faculty members and young Engineers/Scientists/Law professionals to upgrade their technical expertise and confidence. Moreover, the participants will get an opportunity to explore the work being carried out in foreign universities and institutions, along with requirements of industry globally. The aim of the conference is to provide an interdisciplinary platform for bringing together leading academician, scientists and researchers to exchange and share their thoughts, experiences and research outcomes. Along with this the conference also provides a platform for discussions on their most recent findings, innovations and experimental/practical challenges encountered in solving the problems in the fields of Materials Science and Mechanical Engineering. This conference is open to everyone and people from all facets of academic and industry with all levels of experience are welcome. Papers received in the conference will be reviewed by technical review committee of the conference and the authors of the accepted papers will be invited for presentation of the paper in the conference.

CALL FOR PAPERS

Original unpublished papers as per the conference themes are invited. Full length papers will be accepted online. Authors can submit their abstracts and full length papers after acceptance of abstracts by clicking on the link: <https://goo.gl/forms/bHKKBoOQC6IdaPvu2>.

Authors are requested to go through the instructions/ guidelines available at the website www.somme.in before online submission. Contribute to the conference by sharing your knowledge and ideas on the following topical areas proposed for year 2018 technical programme:

INTERNATIONAL CONFERENCE

Advancements and Futuristic Trends in Mechanical and Materials Engineering

(AFTMME)

(Sustainable Development and Environmental Protection vis-a-vis E-waste Management)



15th to 17th NOVEMBER, 2018

Organised By

Panjab University SSG
Regional Centre (PUSSGRC)
Hoshiarpur, Punjab, INDIA



Under the aegis of



Society of Materials and Mechanical Engineers

Sponsored By



Metallizing Equipment Co.Pvt. Ltd

EARLY BIRD REGISTRATION FEE :				
	International Delegates		National Delegates	
	SOMME Member	Non SOMME Members	SOMME Member	Non SOMME Members
Academicians and R&D Organizations	\$350	\$500	Rs.3000	Rs.4000
Students/Research scholars	\$250	\$350	Rs.2000	Rs.3000
Corporates/Suppliers	\$500	\$700	Rs.5000	Rs.7000

REGISTRATION FEE (11 th September-14 th November):				
	International Delegates		National Delegates	
	SOMME Member	Non SOMME Members	SOMME Member	Non SOMME Members
Academicians and R&D Organizations	\$400	\$550	3500	4500
Students/Research scholars	\$275	\$375	2250	3250
Corporates/Suppliers	\$650	\$850	6000	8000

REGISTRATION FEE (on the spot):				
	International Delegates		National Delegates	
	SOMME Member	Non SOMME Members	SOMME Member	Non SOMME Members
Academicians and R&D Organizations	\$500	\$700	4000	5000
Students/Research scholars	\$300	\$400	2500	3500
Corporates/Suppliers	\$700	\$900	7000	9000

Registration fee includes conference kit, Working Lunch, Conference Dinner, Welcome, Valedictory & session tea.

REGISTRATION CANCELLATION TERMS AND CONDITIONS

If you cannot attend the conference, we are happy to accept a substitute colleague at any time. If you have to cancel entirely, we regret that no refunds can be made after your registration.

BEST PAPER AWARD

SOMME has taken an initiative to promote quality research work carried out by research scholars wherein paper presentation of **Post Graduate** students will be conducted during the conference. All participants will be given participation certificate and best paper selected will be awarded with a cash prize of **Rs.5100/-** along with certificate. The research scholars who wish to participate in this event are to register themselves in this category.

SPECIAL FEATURE

To build up confidence, improve communication and presentation skills, and to promote young students towards research and innovative thinking, SOMME had taken an initiative in 2016 wherein presentation skill contest for Under Graduate (UG) students was carried out and cash prizes were awarded to the winners. This year again "Presentation Skill Contest" is being organized by SOMME for the 3rd time in series. The students shortlisted in the preliminary rounds will be contesting in final round of presentations at Panjab University SSG, Regional Centre, Hoshiarpur during the conference dates. For details like various locations, topic of presentation and time etc. the participants are requested to visit our website www.somme.in for updates. All participants will be given participation certificate and best three papers selected will be awarded with prizes including cash prizes as follows:

1 st Prize	2 nd Prize	3 rd Prize
Rs. 51,000/-	Rs. 31,000/-	Rs. 21,000/-

Exclusive : Best Presentation Award For Participants From Industry : Rs. 10,000/-
UG STUDENT REGISTRATION

For participating in undergraduate student competen, students can register online by filling a form by clicking at the link : <https://goo.gl/forms/OgarH0hDWAeHC3DB2>
Registration Fee: Rs 500/- (For UG students).
Registration fee include participation in conference sessions, Welcome, Valedictory & session tea, participation certificate. Registrations for this competition will close on Wednesday,30th August, 2018.

Participants are requested to visit our website **www.somme.in** for up-to-date information and the confirmed technical programme, author information and schedule etc..

Conference Committees

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