



International Conference on Electron Microscopy & Allied Analytical Techniques (EMAAT - 2019)



May 17-19, 2019
Shimla (Hotel Peterhoff)

International Conference on Electron Microscopy and Allied Analytical Techniques will be jointly organized by Himachal Pradesh University, Shimla, India and Electron microscope society of India during **May 17– 19, 2019**. This conference provides a platform to the scientists, academicians and engineers working in the field of electron microscopy and allied analytical techniques such as XRD, XPS, AFM etc. to showcase their work and advances made in the field of materials characterization in various interdisciplinary branches of science. This conference also provides an opportunity to scientists, engineers especially young research scholars to interact with renowned scientists in the field and to learn about the recent scientific developments as well as newer technologies being developed. There will be pre-conference workshops on electron microscopy and other analytical techniques on May 15 -16, 2019

Scope of the Conference

The conference will include plenary and technical sessions covering a group of topics on material science as well as the life sciences.

Material Science:

1. Functional Nanomaterials
2. Graphene and Nanotubes
3. Thin Films Coatings and Interfaces
4. Piezoelectric, Pyroelectric and Ferroelectric Materials
5. Electronic and Magnetic Nanomaterials
6. Polymers, Glasses and Composites
7. Materials for Energy Applications
8. Earth and Planetary Materials
9. Environmental Protection
10. Physical Metallurgy and/Metals and Alloys
11. Advances in Spectroscopy in SEM, TEM &STEM
12. Advances in Ion Microscopy
13. Electron Microscopy of Eradiated Materials
14. Scanning Probe Microscopy
15. Advances in Atom Probe Tomography
16. Electron Diffraction And Crystallography
17. Advances in SEM and FIB
18. Advanced Materials
19. In Situ Electron Microscopy
20. HREM and Novel Techniques
21. Sample Preparation techniques
22. Electron Beam Scatter Diffraction Technique
23. X-Ray Photoelectron Spectroscopy
24. Raman Spectroscopy
25. Atomic Force Microscopy
26. Advances in XRD technique

Life Science:

1. Ultrastructure, Immuno Electron Microscopy and Microanalysis
2. Macromolecules and General Life Sciences
3. Bio-Nanotechnology
4. Cryo Electron Microscopy
5. Visualizing host pathogen interactions
6. SEM in Life Sciences
7. Fluorescence Imaging, Flow Cytometry and In Vivo Imaging
8. Emerging Techniques and Instrumentation
9. SPM and correlation Microscopy
10. Decontamination of Soil
11. Cytotoxic Studies
12. Applications in Pharmaceuticals
13. Implant Materials
14. Biomedical and Healthcare Applications
15. SEM/TEM of Plant Cells, Viruses & Pathogens
16. Microanalysis of Biomaterials
17. Forensic Science Applications

Key Organisers

Chief Patron:

Prof. Sikander Kumar
Vice Chancellor H. P. U. Shimla

Patrons:

Dr. S. Banerjee BARC Mumbai
Prof. R. P Tandon, University of Delhi

Convener:

Prof. Mahavir Singh, H. P. U. Shimla

Cordinator:

Dr. N. C. Mehra
University of Delhi

About Shimla

Shimla the queen of hills is capital city of the state of Himachal Pradesh. Shimla, situated at a height of 2200 m and is one of the most eminent tourist destination in the country. Set amidst beautiful hills and mystical woods, Shimla is one of most aesthetically planned cities in India. An erstwhile summer capital of British India, this town's captivating natural beauty, and the atmosphere are bound to leave any tourist overwhelmed. The well-knit roads, impeccable cleanliness, and an efficient administration make for a perfect combination for any tourist destination in the world. This town has colonial-style buildings alongside the historic temples and the amalgamation of the worlds leaves everyone visiting this region spellbound. It has the distinction of running a historic toy-trains started by Britishers which covers a distance of 96 km in 8 hours crossing over 100 tunnels. It is rare experience. It is well connected road, rail and air from Delhi.

Shimla has many hotels ranging from five star to budget hotels.

Weather

Shimla has a very pleasant weather in the month of May.

Avg. summer temperature: 22 °C (72 °F)

Avg. annual temperature: 17 °C (63 °F)

Avg. winter temperature: 7 °C (45 °F)

Contact

Prof. Mahavir Singh

Department of Physics

Himachal Pradesh University

Summer Hill, Shimla - 171 005

Tel: +91-8219569101, +91-9218708512, +91-7832902914

Email: mahavirhpu@gmail.com

Conference Registration	Up to March 15, 2019	After March 15, 2019
Foreign Delegate	800 USD	850 USD
Foreign Corporate Delegate	1200 USD	1300 USD
Foreign Students#	500 USD	550 USD
Fee includes: One conference kit, conference lunches, cultural program and banquet dinner.		
Indian Delegate	6000 INR	7000 INR
Indian Corporate Delegate	10000 INR	11000 INR
Indian Students#	4000 INR	4500 INR
Fee includes: One conference kit, conference lunches, cultural program		
Accompanying Person (Foreign)	300 USD	350 USD
Accompanying Person (Indian)	3000 INR	3500 INR
Accompanying person is welcome to conference lunch as and when convenient to them.		
The participants, for two day Workshop, will have to pay fee in addition to registration fee of ICEMAAT .		
WORKSHOP REGISTRATION FEE		
Foreign Delegate	100 USD	
Foreign Student Delegate	100 USD	
Indian Delegate	2000 INR	
Indian Student Delegate	1000 INR	

