



Online Symposium on In-situ Electron Microscopy -2021

July 8-9, 2021

Organized by
IIT Kanpur in association with IIT Kharagpur
and Electron Microscopy Society of India (EMSI)

Preface

In situ Electron Microscopy is an important tool today to investigate materials and biological systems. The transition from static to dynamic microscopy has evolved over last 30 years, making *in situ* electron microscopy a powerful tool for researchers trying to understand various phenomena with application of wide range of variable; temperature, load, electric field, magnetic field etc to study the effect of these variables on various materials related phenomena. This has allowed to understand the dynamics of these phenomena in details. Hence, *in situ* electron microscopy has opened up the door to new world of electron microscopy.

In order to take a stock of the recent development and future endeavor, we would like to organize Online Symposium on *in-situ Electron Microscopy* under the banner of EMSI from 8-9 July, 2021. Current pandemic has made our life difficult and it is not possible to organize symposia in person and hence, the Online mode has become convenient, useful and in fact successful of disseminating knowledge to the researchers working on this advanced field as well as scholars who would like to take up *in situ* microscopy in their future research.

We will organize 2 days symposium with three sessions each day, encompassing 20 speakers across the globe working on various aspects of *in situ* electron microscopy. The speakers will be chosen from eminent researchers from India and abroad. This is expected to provide the depth and breadth of the field with emphasis on the basic of the technique and applications. This will be organized under the banner of EMSI and it will provide an avenue for knowledge dissemination and expected to provide young researchers an unique opportunity to learn from the experts and even build network.

Student and early career scientists are encouraged to present and participate in e-poster during the symposium. The details will be available in the conference website.

Registration

Everyone needs to register for this symposium. There is no registration fee required to attend the symposium.

Email : emsiconf2021@gmail.com

Online

Symposium will be conducted ONLINE (Zoom platform). The details will be share later.

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Conference Website : <https://www.iitk.ac.in/mse/insitu/>

Sponsorship

Advertisement in the conference e-booklet

	Indian	Foreign US
Front inner cover (Colour)	200,000	\$ 1000
Back outer cover (Colour)	200,000	\$ 1000
Back inner cover (Colour)	100,000	\$ 500
Inner Pages (colour)	100,000	\$ 1000

The booklet will be available ONLINE

Call for Abstract

The conference will feature technical presentations by eminent speakers from R&D laboratories, Academic institutions and Industries from India and abroad, as oral presentations. It will also have contributory papers by early career researchers and students in the form of e-poster presentations. Abstracts of the proposed contributory papers (not more than 400 words) should reach us by e-mail before 30th June, 2021. All communication with respect to the submission and acceptance of the abstracts should be sent to following address: emsiconf2021@gmail.com

e-Poster

The conference will feature e- posters or electronic posters. These needs to prepared using tools available in MS power point and converted to pdf (portable document format) and submitted to the email address given above. These e-posters will be uploaded in the website prior to the symposium start date. Everyone participating in the symposium will be able to view and write questions and clarification. The presenter will have option to answer them and provide clarification.