Indian Institute of Technology Indore
Organizes

High-end Workshop on
Multimedia Processing and Analysis: Theory to Practice

13th to 19th May, 2024 (in physical mode)

in association with

Multimedia Engineering and Perceptual Cognitive Analysis Group (MEPCAG),
Department of Electrical Engineering
Indian Institute of Technology Indore

About IIT Indore

IIT Indore is in simrol which takes pride of being the cleanest city in India. It was established in 2009 with motto of 'ज्ञानम् सर्वजनहिताय (Knowledge is for the well-being of everyone)'. It belongs to IIT family which is known to provide best education in Engineering and Technology across India. IIT Indore has shown relentless effort in providing the best platform for education as well as research in several areas of science and technology.

About Karyashala

'KARYASHALA' scheme by SERB is meant for skill development training on topics required for scientific research work. It is an effort to improve research productivity of promising PG and PhD students from universities and colleges through high-end workshops on specific themes. This program aims to provide opportunities to acquire specialized research skills.

Course Benifits

- Certificate to the participants on successful completion of the course.
- Course materials and stationery/consumable items will be provided to the participants.

About the Speakers

Experts from Academia (IITs, IIITDMs, etc.) will be delivering talks along with a few hands-on training sessions.

Number of seats: 25

Brief discription about workshop

This workshop is focused on recent trends and developments in advanced mathematical analysis and processing techniques of Multimedia data which includes source-generated content, channel errors and compression methods of 2D image and video, 3D and stereoscopic image and video, Virtual reality and AR content, biomedical, photoacoustic and thermal imaging and sensing, etc.

Tentative workshop contents:

- Multimedia processing
- Speech and audio analysis
- Biomedical analysis
- Neural network methods
- Medical Imaging
- Image and video analysis
- Hands-On-Training Session

Targeted Participants

UG final year, PG Students, Ph. D Scholars, Academicians, Professional researchers.

Certification

Certificates will be provided to those participants who will attend program.

Course Material

Lecture slides and other reference materials will be shared with the registered candidates.

Registration

Participants interested to attend the workshop should register online in the below mentioned link.

Link: https://forms.gle/zsuXKvyzeiGBFt7X7

Last date for Registration: 13th April 2024

Important Information for Participants

- **Registration is free** for all participants.
- Eligibility: MTech/M.S/PhD students of ECE, CSE, Electrical or any other specialization relevant to Multimedia processing.
- Accommodation for participants may be provided at the IIT Indore hostel with catering facilities if requested.
- Travel allowance (TA) reimbursement for their journey to IIT Indore from their hometown or host institute as well as return journey as per SERB & GoI norms for selected candidates.
- Participants will be provided with registration kits.
- After the last date of registration, selected candidates will be intimated through email.
- Selected candidates will have to acknowledge their participation in the workshop through return email failing which the waitlisted candidates may be called to attend the workshop. Selection procedure: Merit basis.

Contact Details

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For more details please visit MEPCAG webpage:
https://sites.google.com/view/mepcag/home