

# CALL FOR PAPERS

國立中興大學



1919

## International Symposium on Precision Engineering (ISPE 2024)

Nov. 8-10, 2024 in The Hotel Formosa, Caotun, Nantou County, Taiwan



### Plenary Speakers

#### Chair Prof. Ying-Hao Chu

Associate Vice President for Research and Development  
 Director of NTHU CNMM  
 Department of Materials Science and Engineering,  
 National Tsing Hua University, Taiwan  
Title of Keynote Speech  
 Epitaxial Growth of Bi<sub>2</sub>O<sub>2</sub>X Films and Related Heterostructures



#### GlobalFoundries Chair Prof. Chengkuo Lee

Center for Intelligent Sensors and MEMS  
 Department of Electrical and Computer Engineering  
 National University of Singapore, Singapore  
Title of Plenary Speech  
 CMOS Photonics – Extending Si Photonics to In-Sensor Computing and Nanophotonic Sensing Platforms



### Keynote Speakers

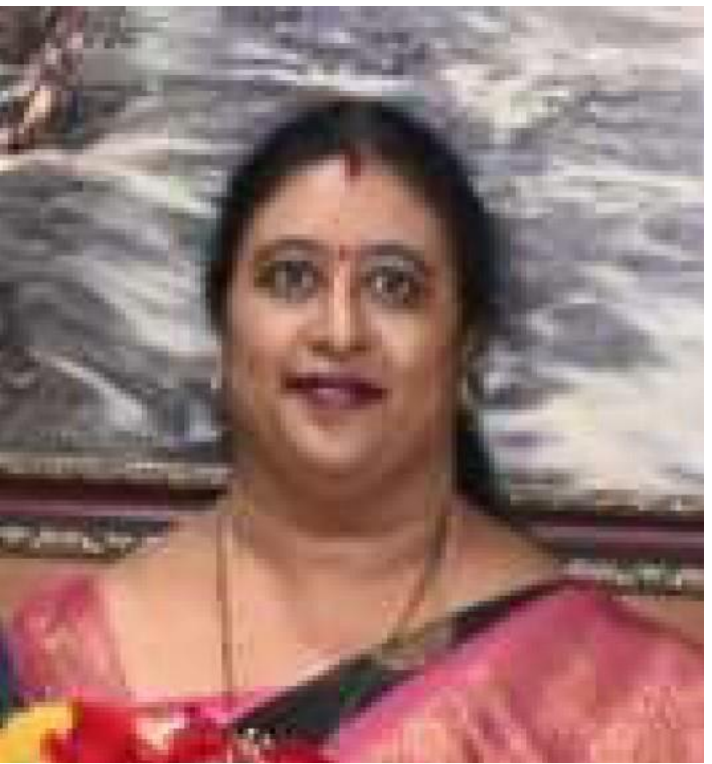
#### Prof. Chao-Cheng Kaun

Research Center for Applied Sciences, Taiwan  
Title of Keynote Speech  
 Driving noncollinear interlayer exchange coupling intrinsically in magnetic trilayers



#### Prof. Uma N. Dulhare

Computer Science & Artificial Intelligence  
 Department  
 Muffakham Jah College of Engineering &  
 Technology, India  
Title of Keynote Speech  
 Harnessing Deep Learning for Precision Diagnostics in Dermatology and Rheumatology



### Program

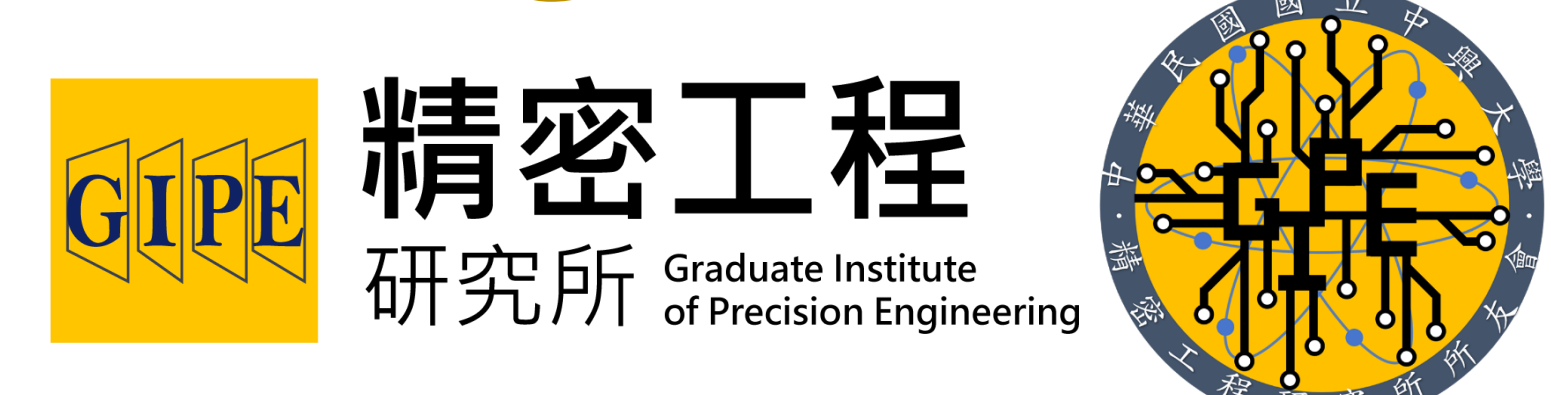
All academic events will be held at The Hotel Formosa, Caotun, Nantou County, Taiwan		
Time	Activity	
8 November, 2024 - Only Registration		
15:00~17:00	Registration & Welcome Reception	
9 November, 2024 - Symposium Day		
08:00~08:30	Registration	
08:30~10:00	Invited Talk & Oral Session (1)	
10:00~10:15	Group Photo & Coffee Break	
10:15~10:30	Opening Ceremony	
10:30~11:15	Plenary Speech (1) Ying-Hao Chu	Moderator: Chi-Pin Hsu
11:15~12:00	Keynote Speech (1) Chao-Cheng Kaun	
12:00~13:00	Lunch Time	
13:00~13:45	Plenary Speech (2) Chengkuo Lee	Moderator: Jen-Chuan Tung
13:45~14:30	Keynote Speech (2) Uma N. Dulhare	
14:30~15:45	Invited Talk & Oral Session (2)	
15:00~16:00	Poster award	
15:45~16:00	Coffee Break	
16:00~17:00	Oral Session (3)	
17:00~18:00	Oral Session (4)	
18:30	Symposium Banquet	
10 November, 2024 - Academic Visit		
09:00~13:30	Academic Visit - JOJOZOO PARK	

Poster Session

### Organizers



### Co-organizers



### Sponsors



### Main Topics

- Precision Control
- Intelligent Sensors
- Design Engineering
- Precision Inspection
- Computer Engineering
- Assembly Technologies
- Material Engineering
- Micro Manufacturing
- Green Manufacturing
- Electrical Engineering
- Precision Measurement
- Smart Green Technology
- Mechanical Engineering
- Precision Manufacturing
- Optics
- Electronics
- Nano Science
- MEMS/NEMS
- Tribological Systems
- Controls and Mechatronic
- Catalyst material synthesis
- Non-conventional Machining
- Renewable Energy Resources
- Durable and Thin Membranes
- Advanced Modeling and Forming
- Chemical and Material Engineering
- Characterization and Modeling of Fuel Cell
- Applied Science, Engineering and Technology
- Any other topic related to Precision Engineering

# ISPE2024