



IITG India - NTUST Taiwan
Joint Research Center
印度理工學院古瓦哈蒂 - 國立台灣科技大學
聯合研究中心



IITG-NTUST Bilateral Collaborations Opening Ceremony and International Symposium on Semiconductor Technology, Advanced Manufacturing and Packaging 2023 (STAMP 2023)

Date : 27th October, 2023

Location: Conference room 1, IIT Guwahati

09:00-09:10 (IST)
11:30-11:40 (TST)

Opening Remarks – Prof. Vimal Katiyar & Prof. Jeng-Ywan Jeng

09:10-09:20 (IST)
11:40-11:50 (TST)

Guest talks on emerging technologies
Prof. C T Wang, Director Science and Technologies Division TECC

09:20-09:30 (IST)
11:50-12:00 (TST)

Guest talks on emerging technologies
Dr. Sankha Dip Das (scientist D MEITY India)

09:30-09:40 (IST)
12:00-12:10 (TST)

Dr. Lakshmanan S., IAS
Secretary of Govt. of Assam, Industries, commerce & PE

09:40-09:50 (IST)
12:10-12:20 (TST)

Prof. P. K. Iyer, Director IIT Guwahati

09:50-10:00 (IST)
12:20-12:30 (TST)

Prof. J. Y. Yen, President NTUST, Taiwan

Vote of Thanks – Prof. Ajeet Kumar

Session 1: Additive Manufacturing (Chair: Prof. Jeng-Ywan Jeng & Prof. Vimal Katiyar)

10:15-10:30 (IST)
12:45-13:00 (TST)

Additive Manufacturing NTUST: High speed Additive Manufacturing with Design for AM
Speaker: Distinguished Prof Jeng-Ywan Jeng

10:30-10:45 (IST)
13:00-13:15 (TST)

Additive Manufacturing IIT Guwahati: Prof. Biranchi Panda, Prof. Sajan Kapil & Prof. Ajeet Kumar

10:45-11:00 (IST)
13:15-13:30 (TST)

Additive Manufacturing in India: Mr. Ujjal Mitra (iConsult Industry, India)

11:00-11:15 (IST)
13:30-13:45 (TST)

A Novel Tape-casting 3D Additive Manufacturing Process for Printing Multi-material Objects : Speaker: Prof. Cho-Pei Jiang (NTUT)

11:15-11:30 (IST)
13:45-14:00 (TST)

Additive Manufacturing Czech Technology University:
Additive Manufacturing of porous structures for medical devices, Speaker: Prof. Matej Daniel

11:30-11:45 (IST)
14:00-14:15 (TST)

Ms. Sylvia Huang, Foxconn Technology Group

11:45-12:00 (IST)
14:15-14:30 (TST)

Round Table Discussion

12:00-12:15 (IST)
14:30-14:45 (TST)

Poster Presentation (Coffee/Tea Break)



Symposium Convenor: Prof. Ajeet Kumar
Organizer: Research & Development, IIT Guwahati



Session 2: Semiconductor Technologies (Chair: Prof. Roy P. Paily – IIT Guwahati)

12:30-12:45 (IST) 15:00-15:15 (TST)	Heterogeneously-integrated Silicon Photonic Integration Centre and the Development of Silicon Photonics, Speaker: Prof. Shih-Hsiang Hsu (NTUST, Taiwan)
12:45-13:00 (IST) 15:15-15:30 (TST)	Semiconductor IIT Guwahati: Prof. Tanmay Dutta, Prof. Ravindra Kumar Jha, & Prof. Ankush Bag
13:00-13:15 (IST) 15:30-15:45 (TST)	SiC & GaN power devices from the point of view of power electronics design Speaker, Prof: Man-Hay Pong (NTUST, Taiwan)
13:15-13:30 (IST) 15:45-16:00 (TST)	Mr. Chuhao Chen, Delta Inc. India, HR Head
13:30-13:45 (IST) 16:00-16:15 (TST)	Round Table Discussion
13:45-14:00 (IST) 16:15-16:30 (TST)	Poster Presentation
14:00-15:00 (IST) 16:30-17:30 (TST)	Lunch Break

Session 3 Energy (Li-ion Batteries and Hydrogen storage) (Chair: Prof. Vaibhav V. Goud)

15:15-15:30(IST) 17:45-18:00 (TST)	Sustainable Energy Development Center and Design and development of high-value battery electrolytes & materials – Prof. Bing-Joe Hwang (NTUST, Taiwan)
15:30-15:45 (IST) 18:00-18:15 (TST)	Mr. Wilson Chen, Cooler Master Inc., Taiwan
15:45-16:00 (IST) 18:15-18:30 (TST)	Understanding Boiling Heat Transfer and Development of Methodologies for Cryogenic Quenching Enhancement – Prof. Hsiu-Yang Tseng (NTUST, Taiwan)
16:00-16:15 (IST) 18:30-18:45 (TST)	Energy IIT Guwahati: Prof. Mohammad Qureshi & Prof. Farrukh Khalid
16:15-16:30 (IST) 18:45-19:00 (TST)	Ms. Gayatri Dadheech, CTO R&D, Exide Energy Solutions Ltd.
16:30-16:45 (IST) 19:00-19:15 (TST)	Thermal and Flow : Prof. Amaresh Dalal (IIT Guwahati)
16:45-17:00(IST) 19:15-19:30(TST)	Round Table Discussion
17:00-17:15 (IST) 19:30-19:45 (TST)	Poster Presentation

End of Sessions

