



# CONTACT US.



+66 2 287 9600 ext 3111

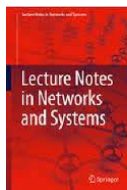


Rajamangala University of Technology Krungthep  
2 Nanglinchi Rd., Tungmahamek, Sathorn,  
Bangkok 10120, Thailand



icct@mail.rmuth.ac.th

## PUBLICATION



List of Indexed Journals



materials applied sciences



## REGISTRATION FEES

- Registration begin: **US \$350 (Standard)**  
(20th June 2023)
- The second paper costs: **US \$200**
- On-line paper presentation with publication costs: **US \$200**

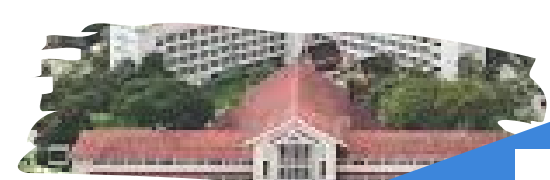
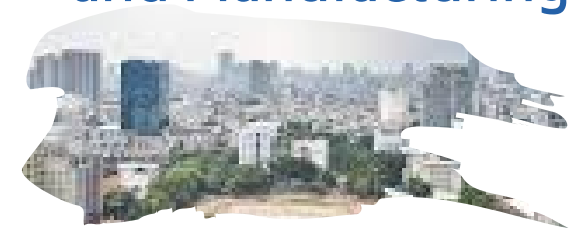


<https://icct.rmuth.ac.th/>



# 11<sup>th</sup> ICCT2023

## 11th International Conference on Creative Technology to added Value Innovations in Engineering, Materials and Manufacturing



Sponsored by

# 20-22 JULY 2023



RAJAMANGALA  
KRUNGTHEP

## ABOUT US.



An International Conference on Creative Technology event is annually conducted and usually held in the middle of year. Initially, the conference was held in the year 2013, which was short title "CreTech". Now, it has changed a new acronym that is "ICCT".

The ICCT 2023 is superior international academic conference that is organized by Rajamangala University of Technology Krungthep (RMUTK) and jointly by Innovation and Creative Technology Association (ICTA), Thailand. In addition, it is co-organized by Vellore Institute of Technology (VIT), India and Liverpool John Moores University, Liverpool, UK.

It is a great pleasure and an honor to extend you a warm invitation to attend International Conference on Creative Technology (ICCT2023) will be 11th the series which is being scheduled for 20th to 22nd July 2023. The authors of all accepted papers will be invited to present their work during the conference, high quality papers are selected to publish in the Scopus journal.

# CONFERENCE

## COMMITTEE:



### Chief Patron:

- Assoc. Prof.Pichai Janmanee, President, RMUTK,Thailand

### Patrons:

- Dr.G.Viswanathan, Founder & Chancellor, VIT, India
- Prof. Ekere Nduka Nnamdi, Pro Vice-Chancellor and Dean Eng.& Tech., LJMU, United Kingdom
- Assoc. Prof. Charn Thanadnarn, President of the University Council, RMUTK, Thailand

### Conference Chair:

- Asst. Prof.Saichol Chudjuarjeen, Vice-President, RMUTK, Thailand

### Conference Co-Chairs:

- Assoc.Prof.Suthep Butdee, RDI, RMUTK, Thailand
- Asst.Prof.Kanok-on Boonmee, President NEU, Thailand
- Prof.Prasad KDV Yarlagadda, Dean Eng. OAM, UniSQ, Australia
- Prof.M.Anthony Xavier, Dean (Academics), VIT, India
- Prof.Anna Burduk, Wroclaw University of Sci. & Tech., Poland
- Prof.Andre D.L. Batako, Liverpool Johnmoors University, UK
- Prof.Sarat Singamneni, AUT, New Zealand
- Prof.Charles W. Knapp, Uof Strathclyde, Glasgow, United Kingdom
- Prof.Tritos Laosirihongthong, Thammasart University, Thailand
- Asst. Prof. Sutham Siwawut, Director of RDI, RMUTK, Thailand
- Asst. Prof. Phatchani Srikhumsuk, Deputy Director of ASCAR, RMUTK, Thailand

### Advisory Committee:

- Prof.Prayoot Akkaraekthalin, University Council, RMUTK, Thailand
- Prof.Alongklod Tanomtong, University Council, RMUTK, Thailand
- Asst.Prof.Dollathum Elakanoon, Vice-President, RMUTK, Thailand
- Asst. Prof. Poorivat Kamperapapat, Vice-Presi., RMUTK, Thailand
- Asst. Prof.Nopparat Paivumit, Vice-President, RMUTK, Thailand
- Asst. Prof.Chaisak Klaidaeng, Vice-President, RMUTK, Thailand
- Mrs.Chatkarn Darumas, Vice-President, RMUTK, Thailand
- Assoc. Prof.Wichan Chuaiphan, Assist. President, RMUTK, Thailand
- Mr.Boonchuay Jarernpon, Assist. President, RMUTK, Thailand
- Mrs.Pornsri Rojmakee, Assist. President, RMUTK, Thailand
- Assoc. Prof.Paiboon Hanmon, Assist. President, RMUTK, Thailand
- Dr.Jirangrug Samarkjarn, Assist. President, RMUTK, Thailand

### International Committee:

- Prof. P.Jeyapandiarajan, VIT, India
- Prof.S.P.Syed Ibrahim, VIT, India
- Prof.Shangtong Yang, Uof Strathclyde, UK
- Dr.Tatyana Peshkur, Uof Strathclyde, UK
- Assoc.Prof.Eliani Ezani, University Putra, Malaysia
- Assoc. Prof.Poh Phaik Eong, Monash University, Malaysia
- Prof. Kenji Shinozaki, Hiroshima University, Japan
- Assoc. Prof. Motomichi Yamamoto, Hiroshima Univ., Japan
- Prof.Darius Gnanaraj Solomon Eng., VIT, India
- Prof.Améziane Aoussat, Arts et Métiers ParisTech, France
- Dr.Almusawi Husam Abdulkareem, Uof Debrecen, Hungary
- Prof.James Ren, Liverpool John Moores University, UK
- Dr.Bonfoh Napo Y., Uof Lorraine, France
- Dr.Kanisius Karyono, Uof Multimedia Nusantara, Indonesia
- Dr. Friska Natalia, S.Kom., Uof Multimedia Nusantara, Indonesia
- Dr.Xiucheng Liu, Beijing Technical University, China
- Dr.Li Zen, Shenzhen Technology University, China
- Dr.Andre Batako, Liverpool Johnmoors University, UK
- Dr.Ariayan Ashkanfar, Liverpool Johnmoors University, UK
- Dr.Tahsin Opoz, Liverpool Johnmoors University, UK
- Dr.Xiaoxia Liu, Liverpool Johnmoors University, UK
- Dr.Idowu Ibijoke, Liverpool Johnmoors University, UK
- Dr.Huanhuan Li, Liverpool Johnmoors University, UK
- Dr.Vijay Karunamothee, Liverpool Johnmoors University, UK
- Dr.Juan Ahuir Torres, Liverpool Johnmoors University, UK
- Dr.Eddie Blanco Davis, Liverpool Johnmoors University, UK
- Dr.Mohamed Kara-Mohamed, Liverpool Johnmoors University, UK
- Dr.Ben Matellini, Liverpool Johnmoors University, UK
- Dr.Jun Ren, Liverpool Johnmoors University, UK

# THEMES



## 1 Advanced Materials:

- Bio-material
- Metal alloy material
- Nano material and technology
- Smart materials
- Energy storage materials
- Eco materials
- Laser processing of materials
- Super alloys processing
- Materials in manufacturing processes
- Microwave processing material
- Surface engineering
- additive manufacturing
- Forming and casting process
- Machining
- Material flow and modeling

## Advanced Manufacturing Challenges: 2

- Automated production system
- Flexible manufacturing
- Lean manufacturing
- Manufacturing optimization
- Manufacturing modeling and simulation
- Agile manufacturing
- CAD/CAPP/CAM/CIM
- Smart manufacturing
- Intelligent AMR and Industrial robotics
- Digital twins and CPS production system
- Digital and cloud manufacturing
- Industrial 4.0
- IIoT and remote control
- Intelligent manufacturing
- Lean manufacturing
- Supply chain management
- Production quality management
- Preventive and condition based maintenance

## 3 Advanced in Engineering, Creative Technology and Innovation:

- Mechanical Engineering
- Automation control and PLC
- Electrical engineering
- Electronic engineering and communication
- Industrial engineering
- Industrial and product design
- Innovative design
- Eco and sustainable design and production
- Modern blended and hybrid engineering education
- Intelligent business management and marketing
- Business science
- Modern and post-Covid tourism

# IMPORTANT DATES



# CONFERENCE

## COMMITTEE:



### International Committee:

- Asst. Prof. Suganeshwari, VIT Chennai, India
- Dr.Prasad Gudimetla, Central Queensland Univ., Australia
- Assoc. Prof.Pramot Srinoi, KBU, Thailand
- Assoc. Prof.Paisal Yenradee, SIIT, Thailand
- Asst. Prof. Nattapong Kongprasert, SWU, Thailand
- Assoc. Prof.Bovonchok Poopat, KMUTT, Thailand
- Assoc. Prof.Taweewat Suparos, KMUTT, Thailand
- Assoc. Prof.Prayoon Surin, PIT, Thailand

### Technical Committee:

- Chair: Asst. Prof.Sutham Sriwawut, RMUTK, Thailand
- Asst. Prof.Chatchawan Sookman, Dean of Eng., RMUTK, Thailand
- Asst. Prof.Kanchit Kamlangkla, Dean of Sci-Tech, RMUTK, Thailand
- Mr.Surasak Sripan, Dean of Tech.Ed., RMUTK, Thailand
- Asst. Prof.Kittipong Sophonthummapharn, Dean of BA, RMUTK, Thailand
- Mrs.Sirima Silapat, Dean of LA, RMUTK, Thailand
- Asst. Prof.Tanavit Layim, Dean of Home-Tech, RMUTK, Thailand
- Assoc.Prof.Arur Kongrungchok, Dean of IC, RMUTK, Thailand
- Dr.Yaoping LIU, Director of ISIC, RMUTK, Thailand
- Asst. Prof.Alongkorn Yoosamran, Direc. ASCAR, RMUTK, Thailand
- Asst. Prof.Choosak Kamonkhanthorn, Direc. ARIT, RMUTK, Thailand
- Dr.Direk Boonthum, Deputy Director of RDI, RMUTK, Thailand
- Asst. Prof.Piewpan Parjansri, Sci-Tech, RMUTK, Thailand
- Assoc. Prof.Kanokwan Ngaosuwan, RDI, RMUTK, Thailand
- Asst. Prof.Chananchida Yuktirat, UBI, RDI, RMUTK, Thailand
- Dr.Channalong Trakunsaranakom, PNU, Thailand
- Dr.Sirisak Tepjit, KMUTNB, Thailand
- Assoc. Prof. Ramil Keswarakul, KMUTNB, Thailand
- Asst. Prof.Uten Khanawapee, KMUTNB, Thailand
- Asst. Prof.Nuttawut Junthong, KMUTNB, Thailand
- Asst. Prof.Kusol Pimumpuri, KMUTNB, Thailand
- Asst. Prof.Chaiwat Nootong, KU, Thailand
- Asst. Prof.Worapong Swansri, KU, Thailand
- Asst. Prof.Worawit Janchai, CMU, Thailand
- Asst. Prof.Siridech Kumhirunbawon, PSRU, Thailand
- Dr.Kitti Wirotrattanaphahpisan, RMUTL (Tak), Thailand
- Dr.Manoch Numfu, RMUTL (Tak), Thailand
- Dr.Suppsatit Manokrun, RMUTL (Chiang Mai), Thailand
- Dr.Kittisak Tangchaidee, SWU, Thailand
- Asst. Prof.Sarayut Ngerntong, KMUTNB, Thailand
- Asst. Prof.Salinee Tammasri, CMU, Thailand
- Asst. Prof.Tanakorn Jantararicha, PSRU, Thailand
- Dr.Chiwaporn Nitnara, KMUTNB, Thailand
- Asst. Prof.Niyom Suwandej, SSRU, Thailand
- Asst. Prof.Vanich Presertporn, NEU, Thailand
- Asst. Prof.Nattaya Comsup, PIT, Thailand
- Assoc. Prof.Prasart Nuangchalerm, MSU, Thailand
- Asst. Prof.Sawat Pararach, TU, Thailand
- Asst. Prof.Pramoch Thammakorn, KMUTNB, Thailand
- Dr.Khongsak Srasrisom, TRU, Thailand
- Asst. Prof.Somkiat Thermsuk, RMUTI (Khonkean), Thailand
- Mr.Boonkit Unpikul, RMUTI (Khonkean), Thailand

### Organizing Committee:

- Chair: Asst. Prof.Chaisak Klaidaeng, Vice-President, RMUTK, Thailand
- Asst. Prof.Sutham Siwawut, Director of RDI, RMUTK, Thailand
- Asst. Prof.Phatchani Srikhumsuk, Deputy Director of ASCAR, RMUTK, Thailand
- Dr.Direk Boonthum, Deputy Director of RDI, RMUTK, Thailand
- Asst. Prof.Krish Sa-Nguanpuag, Deputy Director of RDI, RMUTK, Thailand
- Ms.Prapaporn Rojpromma, Deputy Director of RDI, RMUTK, Thailand
- Assoc. Prof.Kanokwan Ngaosuwan, Assistant of RDI, RMUTK, Thailand
- Asst. Prof.Chananchida Yuktirat, Manager of UBI, RDI, RMUTK, Thailand
- Ms.Thannaree Utane, RDI, RMUTK, Thailand
- Ms.Puntiwa Hoxliam, ASCAR, RMUTK, Thailand
- Ms.Phatcharin Phattanaiphokratana, RDI, RMUTK, Thailand
- Ms.Nutchanart Simmala, RDI, RMUTK, Thailand
- Ms.Arada U-panan, RDI, RMUTK, Thailand
- Mrs.Nadnapa Jorakay, RDI, RMUTK, Thailand
- Mrs.Wirairat Radsapha, RDI, RMUTK, Thailand
- Mr.Weerawat Radsapha, RDI, RMUTK, Thailand
- Mr.Wanniwat Wantana, RDI, RMUTK, Thailand
- Ms.Kanockwan Wornpian, RDI, RMUTK, Thailand
- Ms.Wantana Pranithatham, RDI, RMUTK, Thailand
- Mrs.Pathawee Darunphan, RDI, RMUTK, Thailand
- Ms.Nareerat Obchen, RDI, RMUTK, Thailand
- Mr.Narongsak Wisuttipeat, RDI, RMUTK, Thailand
- Mrs.Jantana Sangau, RDI, RMUTK, Thailand