IEEE REGION 10 TECHNICAL CONFERENCE

Engineering Tomorrow:
The Sustainability-driven Innovation for Post Outbreak Era

31 October - 3 November 2023
Le Meridien Hotel, Chiang Mai, Thailand
Bringing IEEE TENCON to THAILAND

Once again after 9 years to celebrate 45 years of IEEE Thailand Section
ORGANIZING COMMITTEE

ADVISORY COMMITTEE
Lance Fung (Murdoch University, Australia)
Deepak Mathur (IEEE Region 10, India)
Kirapat Jiemset (MEA, Thailand)
Viboon Rerk sirathai (EGAT, Thailand)
Vidhya Rakpong (EGAT, Thailand)
Piyapan Hannarkin (OEG Co Ltd, Thailand)

HONORARY CHAIR
Pongsakorn Yuthagovit, (PEA, Thailand)

GENERAL CO-CHAIRS
Supavadee Aramvith
(Chulalongkorn University, Thailand)
Yoshikazu Miyanaga
(Chitose Institute of Science and Technology, Japan)

FINANCE CHAIR
Khanita Duangchaemkarn
(University of Phayao, Thailand)

TECHNICAL PROGRAM CO-CHAIRS
Rattikorn Yimnirun (VISTEC, Thailand)
Kampol Woradit
(Chiang Mai University, Thailand)

PUBLICATION CHAIR
Patiwet Wuttisarnwattana
(Chiang Mai University, Thailand)

CONFERENCE SECRETARIAT
Jirabhorn Chaiwongsai
Napa Rachata
Krittika Kantawong
(University of Phayao, Thailand)

INDUSTRY CO-CHAIRS
Praditpong Suksirithawornkul
(Hitachi Energy, Thailand)
Tritos Laosirihongthong
(Thammasart University, Thailand)

LOCAL ARRANGEMENT CO-CHAIRS
Thanatip Chankong
(Chiang Mai University, Thailand)
Noppadon Maneetien (Rajamangala University of Technology Lanna, Thailand)
Jirawadee Pholprasert
(Naresuan University, Thailand)

PUBLICITY CO-CHAIRS
Pornthep Rojanavasu
(University of Phayao, Thailand)
Akila Wijethunge
(University of Sri Jayewardenepura, Sri Lanka)
Datchakorn Tåncharooen (PIM, Thailand)

Male Female
15 9

Category 1
Host City

Chiang Mai

- Chiang Mai is renowned for its world-class hospitality and tourist attractions
- Accredited UNESCO Creative City: Crafts and Folk Art
- Strong cultural identity, historical heritages, and natural resources
- Experienced host city of international conventions
Easy Accessibility

International Connectivity

❖ Direct flights to and from several cities in Asia Pacific, Europe, and Australia
❖ Availability of both premium airlines and low-cost carriers

Domestic Transfer

❖ 1 hour connecting flight to Chiang Mai from two main airports in Bangkok - Suvarnabhumi Airport & Don Muang Airport
❖ Over 50 flights daily connecting Chiang Mai with Bangkok and other major cities in Thailand

Visa Exemption

❖ Thailand offers visa exemptions for 68 countries with a permission to stay for 30 days
❖ An additional 18 countries can apply for a “Visa on Arrival

For more information: www.mfa.go.th
Hygiene Standard
“The Amazing Thailand Safety and Health Administration (SHA)” certification given by the Tourism Authority of Thailand (TAT) to hotels and services that meet pandemic-level safety and health standards. These include fully vaccinated staff, cleaning regularity, placement of sanitizers, table arrangements, adequate signage and several staff procedures.

The Meeting Hygiene Standards was developed by the country’s hygiene measures committee and now being implemented to safeguard against Covid-19 and to undertake the resumption of international meetings where hygiene and health safety are our key priorities.

Safety and Security for Visitors
Easy and safe to get around the country as shops, restaurants, and convenient stores are mostly open 24/7
Tourist service center can be found in many places of attractions throughout the country
Hotline 1155 for any enquiries related to foreign visitors to Thailand

Thailand Travel Restrictions 2023
As of January 9, 2023:
• Travelers entering Thailand are not required to show Proof of Vaccination or COVID-19 test results. All travelers can freely travel to Thailand without any COVID restrictions.
• Travelers are not required to obtain a Thailand Pass or Certificate of Entry (COE). There is no need to download any mobile app.
Le Méridien Chiang Mai*

- 7 km. from Chiang Mai International Airport,

- Near to ancient temples and Chiang Mai Night Bazaar.

- Modern interior designs, vibrant new age staff, scents and soundscapes.

- The hotel offers extensive pillarless event rooms and a number of meeting rooms all equipped with latest the technology managed by their professionally trained Events Associates,

- Built-in LCD projectors, wireless internet and video conferencing - supported by a team of technicians.

*will be changed to the Marriott Chiang Mai prior to TENCON 2023
### Satellite Hotels Within Close Proximity to the Venue

**Total 3,285 rooms**

<table>
<thead>
<tr>
<th>HOTELS</th>
<th>No. Of Rooms</th>
<th>DISTANCE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5 Star Luxury Hotel (150 USD above)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Empress Chiang Mai Hotel</td>
<td>138</td>
<td>1.2 KM</td>
</tr>
<tr>
<td>Shangri-La Hotel</td>
<td>281</td>
<td>850 M</td>
</tr>
<tr>
<td>Le Meridian</td>
<td>348</td>
<td>Venue</td>
</tr>
<tr>
<td>Rati Lana Riverside Spa Resort</td>
<td>75</td>
<td>2.6 KM</td>
</tr>
<tr>
<td>Anantara Resort &amp; Spa</td>
<td>84</td>
<td>650 M</td>
</tr>
<tr>
<td><strong>3-4 Star Business Hotel (up to 120 USD)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Empress Premier Hotel</td>
<td>375</td>
<td>2 KM</td>
</tr>
<tr>
<td>Duangtawan Hotel</td>
<td>507</td>
<td>110 M</td>
</tr>
<tr>
<td>Chiang Mai Plaza Hotel</td>
<td>450</td>
<td>700 M</td>
</tr>
<tr>
<td>Holiday Inn</td>
<td>526</td>
<td>2.6 KM</td>
</tr>
<tr>
<td><strong>Budget Hotel (up to 60 USD)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lanna Palace Hotel</td>
<td>205</td>
<td>1.4 KM</td>
</tr>
<tr>
<td>The Park Hotel</td>
<td>176</td>
<td>350 M</td>
</tr>
<tr>
<td>Maninarakorn Hotel</td>
<td>120</td>
<td>750 M</td>
</tr>
</tbody>
</table>
Welcome Reception and Banquet

Kad Mua Welcome Reception 31 October 2023

Khantoke Gala Dinner 2 November 2023

Khantoke Gala Dinner
<table>
<thead>
<tr>
<th>Tuesday, 31 October 2023</th>
<th>Wednesday, 1 November 2023</th>
<th>Thursday, 2 November 2023</th>
<th>Friday, 3 November 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration Opens</td>
<td>Opening ceremony</td>
<td>Keynotes</td>
<td>Oral Sessions</td>
</tr>
<tr>
<td>Pre-conference workshop</td>
<td>Keynotes</td>
<td>Keynotes</td>
<td>Oral Sessions</td>
</tr>
<tr>
<td>Coffee breaks</td>
<td>Coffee breaks</td>
<td>Coffee breaks</td>
<td>Coffee breaks</td>
</tr>
<tr>
<td>Pre-conference workshop</td>
<td>Oral Sessions</td>
<td>Oral Sessions</td>
<td>Oral Sessions</td>
</tr>
<tr>
<td>LUNCH</td>
<td>LUNCH</td>
<td>LUNCH</td>
<td>LUNCH</td>
</tr>
<tr>
<td>Pre-conference workshop</td>
<td>Oral Sessions</td>
<td>Oral Sessions</td>
<td>Oral Sessions</td>
</tr>
<tr>
<td>Welcome reception</td>
<td>Banquet</td>
<td>TENCON 2023 Concludes</td>
<td></td>
</tr>
</tbody>
</table>
IEEE REGION 10 TECHNICAL CONFERENCE
Engineering Tomorrow: The Sustainability-driven Innovation for Post Outbreak Era
31 October - 3 November 2023
Le Meridien Hotel, Chiang Mai, Thailand

Up to 10 Pre-conference workshop

6 Keynote Speakers

63 technical presentation and poster sessions

Industry exhibitions
The topics of interest for IEEE TENCON 2023 include the 10 technical tracks:

1. Artificial Intelligence and Machine learning
2. Communications and Networking
3. Power, Energy, and Power Electronics
4. Biomedical Engineering and Healthcare Technologies
5. Robotics, Control, Instrumentation, and Automation
6. Multimedia Signal Processing and Analytics
7. Devices, Circuits, and Materials
8. RF Circuits, Systems, and Antennas
9. Data Science and Computing Technologies
10. Education in Engineering and Technology

IMPORTANT DATES
Special Session Proposal Deadline: **February 28, 2023** - Extended to 10 March 2023
Special Session Announcement: **March 16, 2023**
Special Session/Regular Paper Submission Deadline: **May 31, 2023**
Notification of Paper Acceptance: **July 10, 2023**
Camera Ready and Author Registration Deadline: **July 31, 2023**

For further information please visit [https://www.tencon2023.org](https://www.tencon2023.org)
Contact e-mail: tencon2023@gmail.com
## Registration Rates

<table>
<thead>
<tr>
<th>Membership</th>
<th>Early Bird (USD)</th>
<th>Regular (USD)</th>
<th>Onsite (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE Member</td>
<td>450</td>
<td>500</td>
<td>550</td>
</tr>
<tr>
<td>Non-IEEE Member</td>
<td>550</td>
<td>600</td>
<td>650</td>
</tr>
<tr>
<td>Student IEEE Member</td>
<td>350</td>
<td>400</td>
<td>450</td>
</tr>
<tr>
<td>Student Non-IEEE</td>
<td>400</td>
<td>450</td>
<td>500</td>
</tr>
<tr>
<td>IEEE Life Member</td>
<td>400</td>
<td>450</td>
<td>500</td>
</tr>
</tbody>
</table>
Your Choice of Pre-Post Conference Itinerary

- Art & Culture
- Adventure
- Historic Tour
- Luxury
- Gastronomy
- Shopping
- Health & Wellness
- Beaches & Islands
We look forward to welcoming you to the Kingdom of Thailand.
IEEE REGION 10 TECHNICAL CONFERENCE

Engineering Tomorrow: The Sustainability-driven Innovation for Post Outbreak Era

31 October - 3 November 2023
Le Meridien Hotel, Chiang Mai, Thailand

www.tencon2023.org
Email: tencon2023@gmail.com