

CONFERENCE PROGRAM

(Draft Version)



Istanbul, Turkey | September 24-26, 2025

Co-sponsored by



Welcome Message

We are delighted to welcome you 2025 12th International Conference on Electrical and Electronics Engineering (ICEEE 2025) held in Istanbul, Turkey from September 24 to 26, 2025. This milestone edition brings together leading researchers, engineers, industry experts, and practitioners to explore the latest advancements, challenges, and opportunities in electrical and electronics engineering, and their transformative applications.

ICEEE 2025 serves as a premier forum for sharing cutting-edge research, innovative solutions, and emerging technologies shaping the future of data-driven computing. Over three days, the conference will feature keynote speeches, technical sessions, workshops, and presentations covering a wide spectrum of topics, such as Power Electronics, Control Systems, Signal Processing, Communication Systems, and many more.

As a key component of ICEEE 2025, we are proud to host and its workshop 2025 4th International Conference on Computer Engineering, Technologies and Applications (CETA 2025), dedicated to advancing research in software and information engineering, computer theory and technology, computer science and engineering, and many more. This symposium will provide a focused platform for in-depth discussions on AI's role in driving next-generation technologies.

Our program this year includes an impressive array of keynote speeches, invited speeches, technical sessions, and workshops, designed to provide valuable insights and inspire new approaches to education. We are honored to feature prominent speakers who will share their expertise on various topics, including the latest advancements in online education, innovative teaching methods, and the role of technology in shaping learning experiences.

We appreciate the dedication of all authors, reviewers, and participants who contribute to the intellectual vitality of ICEEE & CETA. Your engagement fuels progress in these critical fields. May this conference inspire meaningful discussions, foster collaborations, and accelerate innovations that address global challenges.

Welcome to Istanbul, and enjoy ICEEE & CETA 2025!

ICEEE & CETA Organizing Committee
September, 2025

On-site Conference Notice

Conference Venue



Ottoman's Life Hotel Deluxe

Address: Molla Gürani Mah. Molla Gürani Cad.

No: 8/16 Fatih 34093 İstanbul / Türkiye

Room Booking Link:

<https://www.ottomanslifedeluxe.com/>

RESERVATION CODE NAME: ICEEE & CETA

Single Superior Room Rate € 127,40

Double Superior Room Rate € 140,40

Prices are inclusive of VAT, accommodation tax and open buffet breakfast

Emergency Call

- ✓ Comprehensive Emergency Service: **112**

Average Temperature During the Conference

16°C - 25°C

Presentation Tips

- ✓ The duration of a presentation slot is 15 minutes. Please prepare your presentation for 12 minutes & 3 minutes for questions from the audience;
- ✓ An LCD projector & computer will be available in every session room for regular presentations;
- ✓ Presentations **MUST** be uploaded at the computer at least 15 minutes before the session start.

Dress Code

- ✓ All participants are kindly requested to dress formally, as casual wear is discouraged.
- ✓ National formal dress is welcome.

Attention Please

- ✓ Please ensure the safety of your belongings in public areas. For personal and property security, delegates are advised to wear their identification badges during the conference and refrain from lending them to unauthorized individuals. The conference cannot be held responsible for the loss of personal items.

Online Conference Notice



ZOOM Platform

Download Link: <https://zoom.us/download>

ZOOM INFORMATION

Passcode: 2426

ROOM A	https://us02web.zoom.us/j/85438342652
ROOM B	https://us02web.zoom.us/j/86002257904

Time Zone

- ✓ **Istanbul Standard Time, UTC/GMT +3**
- ✓ Please make sure that both the clock and the time zone on your computer are set to the correct standard time.

Sign In and Join

- ✓ Join a meeting without signing in: A Zoom account is not required if you join a meeting as a participant, but you cannot change the virtual background or edit the profile picture.
- ✓ Sign in with a Zoom account: All the functions are available.

Additional Suggestions

- ✓ A computer with an internet connection (wired connection recommended)
- ✓ USB plug-in headset with a microphone (recommended for optimal audio quality)
- ✓ Webcam (optional): built-in or USB plug-in
- ✓ Stable internet connection
- ✓ Quiet environment
- ✓ Proper lighting

Presentation Tips

- ✓ Each presentation slot is 15 minutes. Please prepare to speak for around 12 minutes, allowing 3 minutes for audience questions.
- ✓ Join the meeting room at least 10 minutes before the session begins.

Zoom Test

- ✓ Prior to the formal conference, presenter shall join the test room to make sure everything is on the right track.
- ✓ For presenters, please rename Zoom Screen Name in "Paper ID - Name" format before entering meeting room.

Conference Recording

- ✓ The entire conference will be recorded. If any participant objects to being recorded during their presentation, they are requested to inform the organizers in advance.
- ✓ The recording will be paused accordingly during their segment. Attendees are expected to dress formally and maintain appropriate decorum throughout the event.
- ✓ The recording is intended solely for conference-related purposes and academic publications. It is strictly prohibited to distribute, use commercially, or utilize the recording for any illegal activities.

Event at a Glance

September 24 Wednesday		September 25 Thursday		September 26 Friday	
09:00-12:00 Online Zoom Test		09:00-09:05 Opening Ceremony		09:00-11:00 Onsite Sessions 9 & 10	09:00-11:00 Online Sessions 1 & 2
	10:00-16:00 Sign in Materials Collection	09:05-11:50 Keynote Speeches			
		11:50-13:30 Lunch Break		11:00-13:00 Break	
		13:30-15:30 Onsite Sessions 1 & 2 & 3 & 4		13:30-15:30 Online Sessions 4 & 5	
		15:30-16:00 Break			
16:00-18:00 Onsite Sessions 5 & 6 & 7 & 8					
		18:00-20:00 Dinner			

Daily Schedule – September 24, Wednesday

For On-site Participants

10:00-16:00	Sign in and Collect Conference Materials Location: Lobby of Ottoman's Life Hotel Deluxe Molla Gürani Mah. Molla Gürani Cad. No: 8/16 Fatih 34093 İstanbul, Türkiye
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For Online Participants - ZOOM Test

09:00-12:00	ZOOM Test for Committees / Session Chairs ROOM A https://us02web.zoom.us/j/85438342652 Passcode: 2426
09:00-12:00	ZOOM Test for Authors ROOM B https://us02web.zoom.us/j/86002257904 Passcode: 2426

Daily Schedule – September 25, Thursday

Venue: B1 Floor, Ballroom, Ottoman’s Life Hotel Deluxe		
Host: Mahir Dursun, Gazi University, Turkey		
Opening Ceremony		
09:00-09:05	Welcome Message Mahir Dursun, Gazi University, Turkey	
Keynote Speeches		
09:05-09:50	Keynote Speech I: <i>Measuring with Artificial Intelligence: Opportunities, Challenges, and Future Perspectives</i> Leopoldo Angrisani, University of Napoli Federico II, Italy	
09:50-10:20	Group Photo & Coffee Break	
10:20-11:05	Keynote Speech II: <i>The Symbiotic Future of AI, Mechatronics, and Biomedical Innovation</i> Hüseyin ÜVET, Yildiz Technical University, Turkey	
11:05-11:50	Keynote Speech III: <i>Energy and Infrastructure for Sustainable Electrification</i> Gokturk Poyrazoglu, Ozyegin University, Turkey	
11:50-13:30	Lunch Time Location: Lobby Floor, Winter Garden	
Author Presentation		
13:30-15:30	Onsite Oral Session 1 Power Electronics Equipment Design and Device Simulation CE1165 CE1168 CE1171 CE3193 CE1108 CE1160 CE1163 CE2232	Ballroom B1

13:30-15:30	Onsite Oral Session 2 Data computation and intelligent algorithms in digital information systems CE1175 CE1005 CE3041 CE3042 CE3049 CE1011 CE1104-A CE2217	Maide Hall Lobby Floor
13:30-15:30	Onsite Oral Session 3 AI-based Intelligent Systems and Innovative Applications CE2233 CE2029 CE1016 CE1008 CE2253 CE3045 CE3048 CE3194	Fatih Room B1
13:30-15:30	Onsite Oral Session 4 Control Models and Stable Operation in Power Systems CE1149 CE1167 CE3008 CE2262 CE1170 CE2195 CE2244 CE1164	Divan Room B1
15:30-16:00	Coffee Break	
16:00-18:00	Onsite Session 5 Control Models and Structural Control in Complex Systems CE1146 CE1176 CE1177 CE2187 CE2269 CE1136 CE2001 CE2270	Ballroom B1
16:00-18:00	Onsite Session 6 New Clean Energy Development and Energy Storage Technologies CE2241 CE1113 CE2265 CE1141 CE3006-A CE1126 CE1134 CE3185	Maide Hall Lobby Floor
16:00-18:00	Onsite Session 7 Photovoltaic Panels and Power Generation Systems CE1125-A CE1133 CE1162-A CE1178 CE3176 CE2209 CE2257 CE3184	Fatih Room B1

16:00-18:00	Onsite Session 8 Wireless Communication Systems and Security Analysis CE2212 CE3003 CE2248 CE2249 CE3179 CE3180 CE3007 CE3182	Divan Room B1
18:00-20:00	Dinner Location: Lobby Floor, Winter Garden	

Daily Schedule – September 26, Friday

Onsite Author Presentation		
Venue: Ottoman’s Life Hotel Deluxe		
09:00-11:00	Onsite Oral Session 9 Electronic Device Design and Simulation Analysis CE1110 CE1148 CE1158 CE1161 CE3196 CE1145-A CE1172 CE2201	Maide Hall Lobby Floor
09:00-11:00	Onsite Oral Session 10 Fault Location and Safety Detection in Modern Intelligent Power Systems CE2272 CE1107 CE1147-A CE2199 CE3004 CE2202 CE2259 CE1144	Fatih Room B1
11:00-11:30	Coffee Break	

Online Author Presentation		
Zoom ROOM A: https://us02web.zoom.us/j/85438342652 Zoom ROOM B: https://us02web.zoom.us/j/86002257904 Passcode: 2426		
09:00-11:00	Online Oral Session 1 Electrical Equipment Fault Analysis and Reliability Prediction CE1122 CE1109 CE1130 CE1138 CE1152 CE2211 CE1119	Room A
09:00-11:00	Online Oral Session 2 System Control and Optimal Configuration in Intelligent Electrical Systems CE2254 CE1015 CE2190 CE2247 CE2267 CE2268 CE3195 CE3197	Room B

11:00-13:30	Break Time	
13:30-15:30	Online Oral Session 3 Performance Monitoring and Safety Detection in Communication Networks CE1112 CE1007 CE1142 CE2188 CE2207 CE2213 CE1150 CE2240	Room A
13:30-15:30	Online Oral Session 4 Modern Image and Signal Processing Technologies CE1132 CE2193 CE3051 CE2028 CE3046 CE1009 CE2194 CE2219	Room B