Table of Contents

Part I Conference Organization 1

Part II Conference Schedule Summary 3

Part III Conference Schedule in Detail 4

Keynote Sessions **4**

Keynote and Invited Sessions **4**

Oral Sessions **5**

Part IV Keynote Speeches 8

Keynote Speech 1: Pattern Recognition, AI, and Detection of Fake Coins **8**

Keynote Speech 2: Deep Learning-Based Indoor Wi-Fi Positioning **9**

Keynote Speech 3: Research and Development of Electromagnetic Skin and Its Applications in 5G/6G Communications and Other Fields **10**

Keynote Speech 4: AI-Driven Information Security Technologies and Applications **12**

Part V Presentation Guidelines 13

Oral Presentation Guidelines **13**

Poster Presentation Guidelines **15**

List of Posters **16**

Part VI Conference Venue 17

Venue: Hainan Institute of Zhejiang University **17**

Access to Hainan Institute of Zhejiang University **18**

Part VII Field Visit 19

Part I Conference Organization

Conference General Chair

Prof. Ching Yee Suen, Computer Science and Software Engineering, Concordia University, Canada

Local Committee Chair

Dr. Wei Wu, Hainan Institute of Zhejiang University, China

Technical Program Committee

Prof. Aleksandar Ašonja, Faculty of Economics and Engineering Management, University Business Academy in Novi Sad, Serbia
Prof. Hans Nyquist, Stockholm University, Sweden
Prof. Li Ding, University of Shanghai for Science and Technology, China
Prof. Hu Jiang, University of Chinese Academy of Sciences, China
Prof. Timothy Sands, Cornell University, USA
Prof. Jonny Paul Zavala De Paz, Universidad Politécnica de Querétaro, Mexico
Prof. Tarik A. Rashid, Computer Science and Engineering, University of Kurdistan Hewler, Iraq
Assoc. Prof. Cerasela Crisan, Vasile Alecsandri University of Bacău, Romania
Assoc. Prof. Chao Zhang, Shanxi University, China
Assoc. Prof. Delanyo Kwame Bensah Kulevome, Qilu Institute of Technology, China
Assoc. Prof. Longjiang Li, University of Electronic Science and Technology of China, China
Assoc. Prof. Shurui Zhang, Nanjing University of Science &Technology, China
Assoc. Prof. Yassen Gorbounov, New Bulgarian University, Department of Informatics, Bulgaria
Dr. Abdul Salam Shah, Taylor's University, Malaysia
Dr. Bharat Sharma, The Pennsylvania State University, USA
Dr. Bokai Liu, Department of Applied Physics and Electronics, Umeå University, Sweden
Dr. Boubakeur Latreche, University of Djelfa, Algeria
Dr. Chia Chao Kang, Xiamen University Malaysia, Malaysia
Dr. Guodong Chen, Johns Hopkins University Baltimore, USA
Dr. Fabio Moretti, Scientific manager of PELL Project, Public Energy Living Lab, Italy
Dr. Feixiang Li, The 15th Research Institute of China Electronics Technology Corporation, China
Dr. Jiacheng Zhang, School of Electrical and Electronic Engineering, Harbin University of Science and Technology, China
Dr. Ladislav Polák, Brno University of Technology, Department of Radio Electronics, Czech Republic
Dr. Kai Zhang, Department of Physics, Northeastern University, China
Dr. K. Prahlada Rao, Gulbarga University, India
Dr. Koffka Khan, Department of Computer and Information Technology, The University of the West Indies, West Indies
Dr. Mario Dudjak, Computer Science and Information Technology Osijek, University of J.J. Strossmayer Osijek, Croatia
Dr. Mohammadhadi Sarajchi, University of Kent Canterbury, UK
Dr. Nguyen Cong Phuong, Hanoi University of Science and Technology, Vietnam
Dr. Qi Zhang, Shenzhen University, China
Dr. Ruzhang Zhao, Department of Biostatistics, Johns Hopkins University, USA
Dr. Sicheng Wang, The University of Texas, USA

Dr. Sibo Cheng, Imperial College London, UK
Dr. Subrato Bharati, Department of Electrical and Computer Engineering, Concordia University, Canada
Dr. Weiwei Jiang, School of Information and Communication Engineering, Beijing University of Posts and Telecommunications, China
Dr. Wei Xu, PayPal Inc., USA
Dr. Yawei Chen, FAB 8A of China Resources Microelectronics, China
Dr. Yi Wen Kerk, Faculty of Information Science & Technology, National University of Malaysia, Malaysia
Dr. Yufei Zhao, Nanyang Technological University, Singapore
Dr. Zheng Guo, NXP Semiconductors, USA
Dr. Ziru Chen, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, China

Part II Conference Schedule Summary

Wednesday, November 25, 2026

Time	Activity	Location
14:00-18:00	Registration	(Room 205, Main Research Building, HZJU)[1]

Note for on-site registration:

*** Please let us know your name or abstract / paper number for registration.**

*** Please pick up all the conference materials at the registration desk (Name Card, Conference Program, Dining Tickets, Visit Ticket etc.).**

Thursday, November 26, 2026

Time	Activity	Location
09:00-09:05	Welcome Speech	Room 205, Main Research Building, HZJU
09:05-09:45	Keynote Speech 1	
09:45-10:25	Keynote Speech 2	
10:25-11:00	Group Photo & Coffee Break	
11:00-11:40	Keynote Speech 3	
12:00-14:00	Lunch Break	No.10 Canteen, 2F, Building 3, Innovation Research & Study Valley
14:00-14:40	Keynote Speech 4	Room 205, Main Research Building, HZJU
14:40-16:40	Invited Session	
16:40-17:40	Poster Presentation	

Friday, November 27, 2026

Time	Activity	Location
09:00-11:55	Oral Session 1	Room 205, Main Research Building, HZJU
12:00-14:00	Lunch Break	No.10 Canteen, 2F, Building 3, Innovation Research & Study Valley
14:00-16:40	Oral Session 2	Room 205, Main Research Building, HZJU
16:50-17:50	Laboratory Visit	Public Platform for Deep-Sea Technology Innovation
18:00-20:00	Awarding Banquet	Haiyixian Restaurant (海一线饭店)

Saturday, November 28, 2026

Time	Activity	Location
08:30-16:30	Field Visit	Sanya City

[1] Room 205, Main Research Building, Zhejiang University (Hainan) Advanced Technology and Industrial Innovation Platform, Hainan Institute of Zhejiang University (HZJU)

Part III Conference Schedule in Detail

Keynote Sessions

November 26, 2026	
Welcome Speech & Morning Keynote Session	
Host	*Prof. Qingsheng Zeng, Université du Québec en Outaouais (UQO)*
09:00-09:05	**Welcome Speech** ***Prof. Ching Yee Suen, Computer Science and Software Engineering, Concordia University***
09:05-09:45	**Keynote Speech 1: *Pattern Recognition, AI, and Detection of Fake Coins*** *Prof. Ching Yee Suen, Computer Science and Software Engineering, Concordia University*
09:45-10:25	**Keynote Speech 2: *Deep Learning-Based Indoor Wi-Fi Positioning*** *Prof. Kegen Yu, China University of Mining and Technology*
10:25-10:35	Group Photo
10:35-11:00	Coffee Break
11:00-11:40	**Keynote Speech 3: *Research and Development of Electromagnetic Skin and Its Applications in 5G/6G Communications and Other Fields*** *Prof. Qingsheng Zeng, Université du Québec en Outaouais (UQO)*
12:00-14:00	***Lunch Break*** *at No.10 Canteen, 2F, Building 3, Innovation Research & Study Valley*

Keynote and Invited Sessions

Keynote and Invited Sessions	
Session Chair	*Prof. Dimiter Velev, Department of Informatics, University of National and World Economy*
14:00-14:40	**Keynote Speech 4: AI-Driven Information Security Technologies and Applications** *President and Professor Han-Chieh Chao, Fo Guang University*
14:40-15:00	**Invited Speech ML1849: Generative Artificial Intelligence Tasks in Manufacturing and Information Technology Firms: An Explainable Comparison** *Prof. Filiz Ersöz, Department of Data Science and Analytics, OSTIM Technical University*

15:00-15:20	**Invited Speech ML1850: An Integrated Digital Twin and Generative AI Framework for Intelligent Training in Natural Disaster Risk Management** *Prof. Dimiter Velev, Department of Informatics, University of National and World Economy*
15:20-15:40	Coffee Break
15:40-16:00	**Invited Speech ML1865: Are We There Yet? Real-World IoT Firmware Emulation and Security Testing in the LLM Era** *Assoc. Prof. Wei Zhou, School of Cyber Science and Engineering, Huazhong University of Science and Technology*
16:00-16:20	**Invited Speech CNT3943: Cooperative Direct Localization Methods under Non-Ideal Scenarios** *Prof. Ding Wang, School of Information Systems Engineering, Information Engineering University*
16:20-16:40	**Invited Speech CNT3888: Beyond 400G: Paving the Way for Next-Generation Optical Interconnects** *Assoc. Prof. Lu Zhang, Zhejiang University*
16:40-17:40	**Poster Presentation**

Oral Sessions

November 27, 2026	
Oral Session 1: Optimization, Engineering Modeling & Risk Decision-Making	
Session Chair	*Prof. Joanna Studzińska, Kozminski University*
09:00-09:15	**CNT3935: A Resource Aware Engineering Framework for University Cyber Ranges** *Prof. Dimiter Velev, Department of Informatics, University of National and World Economy*
09:15-09:30	**CNT3913: Anchor Deployment Optimization for Positioning Systems Based on the Social Force Model in NLOS Scenarios** *Mr. Tengfei Zhang, Chang'an University*
09:30-09:45	**CNT3931: The Enterprise after ERP: Governed AI as Middleware and the Imminent Arrival of Decision-Centric Computing** *Mr. Thierry Brutman, EDDA Stock Finance Research Laboratory, EDDA Stock Invest Corp.*
09:45-10:00	**CNT3941: The Use of New Technologies in the Taking of Evidence in Civil Proceedings** *Prof. Joanna Studzińska, Kozminski University*
10:00-10:15	**CNT3944: Applicability of Higher-Order Modulation in 6G Radio Access** *Dr. Igor Serunin, LG Electronics Russia R&D Lab*

10:15-10:35	**Coffee Break**
10:35-10:50	**CNT3945: A Wide-Input-Range V²AOT-Controlled DC-DC Converter with Fast Transient Response for High-Voltage Applications** *Dr. Ninghuang Li, Peking University*
10:50-11:05	**ML1824: VRP for HAZMAT Transportation Under Shared Logistics: Bi-Objective Model with Vehicle Rental and Reinforcement Learning-Based Approach** *Ms. Lulu Sun, Xi'an Technological University*
11:05-11:20	**ML1854: A Comparison of Classical, Welch and Bootstrap Equivalent Procedures under Non-Normality and Variance Heterogeneity** *Dr. Puntipa Wanitjirattikal, King Mongkut's Institute of Technology Ladkrabang*
11:20-11:35	**ML1860: Dynamic Flood Risk Assessment for Businesses with Adaptive Managerial Decision-Making** *Prof. Plamena Zlateva, University of National and World Economy*
11:35-11:45	**CNT3878 (video): Learning Where Data Should Live: Workload-Adaptive Tiering for Low-Latency Lakehouse Analytics** *Dr. Mahendran Vasagam, Slack Technologies*
11:45-11:55	**ML1823 (video): On the Expressive Power and Topological Structure of ReLU Neural Networks** *Prof. Hirotada Honda, Faculty of Information Networking for Innovation and Design (INIAD), Toyo University*
12:00-14:00	***Lunch Break** at No.10 Canteen, 2F, Building 3, Innovation Research & Study Valley*

Oral Session 2: Artificial Intelligence & Computer Vision

Session Chair	*Assoc. Prof. Yi Guo, China Academy of Civil Aviation Science and Technology*
14:00-14:15	**CNT3875: Simulation Analysis of Adolescent Sports Behavior Reshaping under Digital Media Technology** *Prof. Long Liu, Chongqing Preschool Education College*
14:15-14:30	**CNT3921: Oil Spill Segmentation in UAV Imagery Using Pyramid Pooling Network Based on Arbitrary Convolutional Kernel** *Mr. Pengbo Sun, Dalian Maritime University*
14:30-14:45	**CNT3939: A Fast Cascade Recognition Method for Low-Contrast QR Codes on Dark Power Bank Surfaces** *Assoc. Prof. Yi Guo, China Academy of Civil Aviation Science and Technology*
14:45-15:00	**CNT3894: AI for One Hour: Can Students Learn to Perform an Unfamiliar Academic Task?** *Dr. Kirill Sarachuk, BTU Cottbus-Senftenberg*
15:00-15:20	Coffee Break

15:20-15:35	**ML1848: Surface Appearance, Spatial Cue Sensitivity, and Localization in CNN Person Detection** *Mr. Daniel Klauser, Lucerne University of Applied Sciences and Arts*
15:35-15:50	**ML1851: Human-Centered Detection and Quantification of Fairwashing in Financial Machine Learning Systems** *Prof. Plamena Zlateva, University of National and World Economy*
15:50-16:05	**ML1866: Multimodal UAV Inspection System for Railway Power Equipment and Communication Tower Analysis** *Dr. Chao Wang, China Academy of Railway Sciences Corporation Limited*
16:05-16:20	**CNT3924: Procurement Management System Model Based on Artificial Intelligence Tools** *Assoc. Prof. Lysenko Elena Vladimirovna, Ural Federal University named after the first President of Russia B.N.Yeltsin*
16:20-16:30	**ML1836 (video): Utility of Training-Free Combination of Complexity Measures and Computational Topology in Applications with Limited Data of Variable or Low Resolution** *Dr. Valeriy Gavrishchaka, Physics Department, West Virginia University*
16:30-16:40	**ML1867 (video): Development and Initial Validation of a Medical Ethics Questionnaire Using Qualitative Interviews and Multivariate Analysis** *Dr. Alberto Hananel, Universidad Peruana Cayetano Heredia*
16:50-17:50	**Departure** from the South Gate, Hainan Institute of Zhejiang University (HZJU) by bus **Laboratory Visit** (Guided tour of key laboratories in Public Platform for Deep-Sea Technology Innovation)
17:50	**Departure** from the **Laboratory** by bus
18:00-20:00	**Awarding Banquet at Haiyixian Restaurant (海一线饭店)**

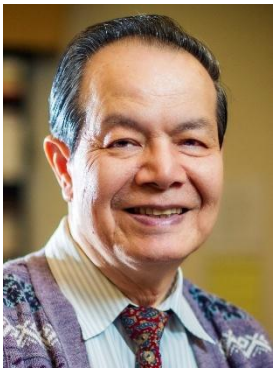
November 28, 2026

08:30-16:30 Field Visit

Note: Gathering at the South Gate, Hainan Institute of Zhejiang University (HZJU) by bus at 08:20. Please present your Tour Ticket when boarding the tour bus & make sure to bring your passport (for international attendees) or Chinese ID card (for Chinese attendees) with you.

Part IV Keynote Speeches

Keynote Speech 1: Pattern Recognition, AI, and Detection of Fake Coins



Speaker: Ching Yee Suen
Professor, Computer Science and Software Engineering, Concordia University

Biography: Dr. Ching Suen is the Honorary Chair of AI and Pattern Recognition of Concordia University. He is also the Founder and past Director of the world renowned CENPARMI (Centre for Pattern Recognition and Machine Intelligence). He received an M.Sc. degree from the University of Hong Kong and a Ph.D. from UBC. He is specialized in the recognition of printed and handwritten characters, document analysis, analysis of facial beauty, and the detection of fake coins. He has been the Principal Investigator or Consultant of 30 industrial projects. Dr. Suen has published 8 conference proceedings, 16 books and more than 630 papers. Dr. Suen is the recipient of numerous awards, including IAPR 2020 King-Sun Fu Prize (highest honour in the field of Pattern Recognition), Elsevier Pattern Recognition Journal Award of Excellence (2016), Gold Medal from the University of Bari (Italy 2012), the IAPR ICDAR Award (2005), the ITAC/NSERC national award (1992 with Nobel Laureate Prof. G. Hinton, $50,000/person), and numerous others. He is not only the founder of 5 conferences: ICDAR, IWFHR/ICFHR, ICPRAI, and VI, and ICCPOL, but has also organized 20+ international conferences including ICPR, ICDAR, ICFHR, ICPRAI, ICCPOL. Prof. Suen has supervised 130 graduate students to completion, and guided/hosted 100+ long-term visiting scientists and professors.

Abstract: The existence of fake coins dated back thousands of years, and it has become an important topic now due to their proliferation in every country nowadays. This talk is about (a) Pattern Recognition, the backbone of Artificial Intelligence, ways of recognizing different types of patterns and visible objects and coins using image processing and machine learning methodologies, and (b) AI - Artificial Intelligence, a bit of history, theory, and various applications. In this talk, we present their applications and several image measurement methodologies to measure the properties of fake coins automatically. This system consists of feature measurement, 3D analysis, AI and deep learning techniques. For validation, thousands of samples have been tested, and a high confidence level has been achieved. Numerous examples will be demonstrated during this talk.

Keynote Speech 2: Deep Learning-Based Indoor Wi-Fi Positioning



Speaker: Kegen Yu
Professor, China University of Mining and Technology

Biography: Kegen Yu received the Ph.D. degree in electrical engineering from the University of Sydney in 2003. He has worked for universities and research institutions in Australia, China, and Finland. He is currently a distinguished professor with China University of Mining and Technology. He authored/coauthored three books Ground-Based Wireless Positioning (Wiley-IEEE Press, 2009), Wireless Positioning: Principles and Practice (Springer, 2018), and Theory and Practice of GNSS Reflectometry (Springer, 2021). He edited/co-edited four books Positioning and Navigation in Complex Environments (IGI Global, 2018), Indoor Positioning and Navigation (Science Press, 2019), Positioning and Navigation Using Machine Learning Methods (Springer, 2024), and Advances in GNSS Reflectometry (Springer, 2026). He coauthored over 200 refereed journal and conference articles. He has been ranked in the world's top 2% scientists list since 2023 by Stanford University and Elsevier. He was honored with Vebleo Fellow in 2026. His research interests include GNSS-R, remote sensing, and positioning and navigation.

Abstract: Wi-Fi positioning is one of the most investigated indoor positioning techniques, mainly due to its low cost, easy deployment, and wide range of application scenarios. However, the Wi-Fi signal is highly volatile due to multipath propagation especially in dynamic indoor environments, seriously degrading positioning accuracy. Deep learning (DL), a subset of machine learning (ML), has several advantages such as good nonlinear mapping and good fault tolerance, suited for mitigating the effect of signal fluctuation and enhancing Wi-Fi indoor positioning accuracy. This presentation mainly focuses on the basic theory and algorithms of Wi-Fi indoor positioning. Several DL models are also described, which were considered for Wi-Fi indoor positioning. Furthermore, we briefly summarize the challenges and trends of DL-based Wi-Fi indoor positioning.

Keynote Speech 3: Research and Development of Electromagnetic Skin and Its Applications in 5G/6G Communications and Other Fields



Speaker: Qingsheng Zeng
Professor, Université du Québec en Outaouais (UQO)

Biography: Qingsheng Zeng received his Ph.D. from University of Ottawa, Canada, and is currently a professor and PhD advisor of Université du Québec en Outaouais (UQO), an adjunct professor and PhD advisor of University of Ottawa, Carleton University, and Institut National de la Recherche Scientifique -- Centre Energie, Matériaux et Télécommunications (INRS-EMT). He has been a research engineer and a senior research engineer at Communications Research Centre Canada (CRC), Government of Canada. Dr. Zeng has undertaken research and teaching in several fields, including analysis and design of aircraft antennas, electromagnetic compatibility and interference (EMC/EMI), ultrawideband technology, radio wave propagation, computational electromagnetics. He has been the Chair of AP (Antennas and Propagation) / MTT (Microwave Theory and Techniques) Joint Chapter and Secretary of EMC (Electromagnetic Compatibility) Chapter of IEEE Ottawa, a Member of IEEE Canada Industry Relations Committee, and a senior member of IEEE. Dr. Zeng has been a member of the Strategic Projects Grant (SPG) Selection Panel (Information and Communications Technologies B) for the Natural Sciences and Engineering Research Council of Canada (NSERC), a member of Site Visit Committee of NSERC Industrial Research Chair (IRC), and a reviewer of NSERC Industrial R&D Fellowships.

He has published more than 200 SCI and EI indexed papers and technical reports, authored one book and co-authored two book chapters. His work on the project “Aggregate Interference Analysis and Suitability of Some Propagation Models to Ultra-wideband Emissions in Outdoor Environments” has formed one part of Consultation Paper on the Introduction of Wireless Systems Using Ultra Wideband Technology, Spectrum Management and Telecommunications Policy, Industry Canada, and has been taken as a significant contribution to International Telecommunication Union (ITU). Dr. Zeng has been serving as an editorial board member and a reviewer for a number of technical books and scientific journals, as a conference co-chair, a session chair and organizer, a technical program committee co-chair and member and a reviewer, a short course/workshop/tutorial presenter and a keynote speaker for many international and national symposia. He has won several technical and technical service awards, was ranked as one of the researchers at Communications Research Centre Canada with the strongest impacts in 2011, selected as a distinguished expert under the Plan of Hundreds of Talents of Shanxi Province in China during 2015, an oversea prestigious advisor in Guangdong Province twice in 2017 and in 2019, a Huashan Mountain Scholar Chair Professor of Xidian University in 2020, and a distinguished expert for HOME Program of China Association for Science and Technology in January 2023, and was elected as a member of the Council of the Academicians and Experts Association of Jilin Province in December 2023.

Abstract: Amidst the deep integration of information technology and the physical world, a novel intelligent interface that transcends the functional boundaries of traditional electronic skin—electromagnetic skin—is emerging. Unlike electronic skin, which primarily senses physical signals such as pressure and temperature, the core mission of electromagnetic skin lies in actively perceiving, dynamically regulating, and intelligently utilizing electromagnetic waves. Rather than passively responding to the environment, it serves as an active electromagnetic functional interface, enabling real-time control over electromagnetic field distribution, polarization, phase, amplitude, and even spectral characteristics through sophisticated material design and

structural engineering. This brings revolutionary possibilities to numerous fields such as communications, perception, stealth, and energy, making it an indispensable "electromagnetic intelligence layer" for building the next generation of intelligent systems.

The rise of electromagnetic skin deeply reflects the contradiction between the urgent demand for electromagnetic functionality and the existing technological limitations in the context of modern technological development. In fields such as 5G/6G communication, Internet of Things, autonomous driving, intelligent perception, national defense and security, unprecedented high demands are placed on the miniaturization, integration, intelligence, and reconfigurability of electromagnetic performance of devices. Traditional electromagnetic devices, such as antennas, filters, and absorbing materials, are often bulky, functionally fixed, and bandwidth-limited, making them difficult to adapt to complex and changing application scenarios and the development trend of flexible wearable devices in the future. At the same time, radar stealth and low observability technologies pose severe challenges to the ability of materials to dynamically regulate electromagnetic responses within a wide frequency band. Furthermore, emerging fields such as biomedical electromagnetic imaging and therapy also require more bio-compatible and intelligent electromagnetic interfaces. These demands have collectively given birth to the concept of electromagnetic skin, which aims to integrate complex electromagnetic functions into ultra-thin, flexible, extensible, and even reconfigurable thin films or epidermal structures, enabling seamless intelligent interaction with the physical world (including the human body, equipment, and environment).

Keynote Speech 4: AI-Driven Information Security Technologies and Applications



Speaker: Han-Chieh Chao
President and Professor, Fo Guang University

Biography: Han-Chieh Chao received his M.S. and Ph.D. degrees in Electrical Engineering from Purdue University, West Lafayette, Indiana, in 1989 and 1993, respectively. He is currently a chair professor with the department of applied informatics, Fo Guang University, where he also serves as president. He is also the distinguished chair professor of the department of artificial intelligence, Tamkang University, New Taipei City, emeritus chair professor of the Department of Electrical Engineering, National Dong Hwa University, Hualien, joint appointed professor of the department of computer science and information engineering, National Ilan University, Ilan and distinguished visiting professor of the Institute of Computer Science and Innovation, UCSI University, Kuala Lumpur, Malaysia. He was the Director of the Computer Center for Ministry of Education Taiwan from September 2008 to July 2010. His research interests include IPv6, Cross-Layer Design, Cloud Computing, IoT, 5G Mobile Networks and Federated Learning. He has authored or co-authored 4 books and has published about 400 refereed professional research papers. He has completed more than 150 MSEE thesis students and 11 Ph.D. students. He serves as the Editor-in-Chief for the Institution of Engineering and Technology Networks, the Journal of Internet Technology, the International Journal of Internet Protocol Technology, and the International Journal of Ad Hoc and Ubiquitous Computing. He is a Fellow of IET (IEE) and a Chartered Fellow of the British Computer Society. Due to Dr. Chao's contribution of suburban ICT education, he has been awarded the US President's Lifetime Achievement Award and International Albert Schweitzer Foundation Human Contribution Award in 2016, and South East Asia Regional Computer Confederation, SEARCC in 2017. He currently also holds the honorary presidentship of National Dong Hwa University.

Abstract: The rapid evolution of sophisticated cyber threats—ranging from polymorphic malware to targeted social engineering—has exposed the fundamental limitations of traditional, signature-based defenses. In response, artificial intelligence (AI) has emerged as a cornerstone of modern cybersecurity operations. This talk explores the core technologies powering AI-driven security, including supervised and unsupervised machine learning, deep learning for sequential telemetry, and large language models for contextual threat analysis. It further investigates key enterprise applications, focusing on automated Security Operations Center (SOC) triage, User and Entity Behavior Analytics (UEBA), and encrypted network anomaly detection. Finally, the talk addresses critical adversarial challenges, such as model evasion, data poisoning, and the growing necessity of securing AI pipelines themselves by shifting defense paradigms.

Part V Presentation Guidelines

Oral Presentation Guidelines

Time Allotted for Each Presentation

Keynote Speech: 40 min
Invited Speech: 20 min
Oral Presentation: 15 min

Note: The allotted time includes 3-5 minutes of Q&A.

Devices Provided by the Conference Organizer

- Laptops (with MS-Office & Adobe Reader)
- Projectors & Screen
- Laser Sticks
- Microphones

Materials Provided by the Oral Presenters

- Microsoft PowerPoint or PDF Presentation file (Please show your paper ID as CNT/ML**** on the last page.)

For presenters who do not send the presentation file to the Conference Secretary before the conference, please have your presentation ready on a memory stick, and save it on the laptop of your corresponding session about **15 minutes** before the session starts.

Best Oral Presentations Selection Guidelines

Selection Criteria:

ONE best presentation will be selected from EACH oral session based on the following criteria:

- ✓ Research Quality
- ✓ Presentation Performance
- ✓ Presentation Language
- ✓ Interaction with Listeners
- ✓ PowerPoint Design
- ✓ Effective Communications

Selection Procedure:

- ✓ An assessment sheet will be delivered to listeners before the session.
- ✓ Write the numbers of two best presentations and submit the filled assessment sheet (with the listener's name and signature) to the Session Chair before the session termination.
- ✓ The Session Chair will count the votes for each presentation and name the winner based on the maximal number of votes. The Session Chair has three votes but can use only one in favor of his/her own presentation (if any). To avoid any conflict of interests, only registered listeners are entitled to vote.

Nature of the Award:

- ✓ This award consists of free registration to the next conference CECNet 2027 or MLIS 2027 and a certificate.
- ✓ The awards will be announced at the official website after the conference.

Assessment Sheet Sample

Oral Presentation Assessment

Dear participants,

After carefully listening to the presentations of this session, please kindly recommend two excellent Oral Presentations with reference to the following evaluation criteria.

The Session Chair will count the votes from each presentation and select ONE Best Oral Presentation in this session. If there is a tie, the Session Chair will make the final decision.

The winner will be announced at the official website after the conference.

You can refer to the following Criteria:

Items	Assessment
Content	Right, Logical, Original, Well-Structured
Language	Standard, Clear, Fluent, Natural
Performance	Spirited Appearance, Dress Appropriately, Behaves Naturally
PPT	Layout, Structure, Typeset, Animation, Multimedia
Reaction	Build a Good Atmosphere, Speech Time Control Properly

Please write down paper ID and give reasons for your recommendation:

Paper ID	Reasons

Evaluated by: _____ (Paper ID: _____)

Note: When the session finishes, please fill it out and give it to the Session Chair so that the Best Oral Presentation in this session can be selected.

Poster Presentation Guidelines



Materials Provided by the Conference Organizer:

- ✧ X Racks & Base Fabric Canvases (60 cm×160 cm, see the figure)
- ✧ Adhesive Tapes or Clamps

Materials Provided by the Presenters:

- ✧ Electronic Posters
- ✧ Posters printed by CECNet 2026 & MLIS 2026 Committee

Requirements for the Posters:

- ✧ Materials: not limited, can be posted on the Canvases
- ✧ Size: 60 cm×160 cm
- ✧ Horizontal Head: please make the conference name 'CECNet 2026' & 'MLIS 2026' and the paper number '**CNT/ML******' as the head of the poster in order to make all the posters unified.

Best Poster Presentation Selection Procedure

Samples of Stickers



Selection Criteria:

- ➢ Research Quality
- ➢ Presentation Skill
- ➢ Design

Selection Procedure:

- ➢ 6-8 volunteers will be invited from the participants to serve as the judges to review the posters. (Note: A judge would not have a poster or know the participant exhibiting a poster.)
- ➢ 2 red stickers and 2 green stickers will be provided for the judges. The red sticker stands for "Research Quality" with a value of 2 points; the green sticker stands for "Presentation Skill and Design" with a value of 1 point.
- ➢ Each judge will go around the poster session and give the stickers to the poster which he/she thinks is of high quality or well designed and well presented, please be notified that the judge cannot give 2 red or 2 green stickers to the same poster (one red and one green sticker is acceptable).
- ➢ After the poster session, the conference secretary will count the points from each poster and two best poster presentations with more points will be selected. If there is a tie, the one with more red (Research Quality) stickers wins.

Nature of the Award

- ➢ This award consists of free registration to the CECNet 2027 or MLIS 2027 and a certificate.
- ➢ **TWO Best Poster Presenters** will be selected after the session finishes with certificate issued and results announced on the conference website.

List of Posters

Time: 16:40-17:40, November 26, 2026

Conference Room: Room 205, Main Research Building, HZJU

CNT3907	**High-Precision Dual-Stub Impedance Matching by Physics Residual Corrected Multilayer Perceptron** *Dr. Xinpei Zhao, Institute of Plasma Physics, Hefei Institutes of Physical Science, Chinese Academy of Sciences*
CNT3912	**A Unitary ESPRIT-Based Method for High-Resolution Range Profile (HRRP) Imaging in Electromagnetic Scattering Characterization** *Ms. Fang Liu, Department of Electronic Engineering, Tsinghua University*
CNT3922	**Intelligent Decision-Making Method for High-Speed Vehicles in Asymmetric Pursuit-Evasion Games** *Mr. Jingfan Guo, Unmanned System Research Institute, Northwestern Polytechnical University*
CNT3925	**PSIRE: Jamming-Resilient OFDM Reception via Joint Peak-Search and INCM Reconstruction on an RFSoC Array Testbed** *Mr. Yongsheng Zhang, College of Communications Engineering, Army Engineering University of PLA*
CNT3926	**PROVE: Conservative Point Cloud Filtering via Proposal–Verification for Robust LiDAR–Inertial Odometry** *Mr. Bo Zhao, College of Communications Engineering, Army Engineering University of PLA*
CNT3929	**Multi-UAV Search for Electromagnetic Radiation Sources in Unknown Urban Environments** *Mr. Zeyang Gao, College of Communications Engineering, Army Engineering University of PLA*
CNT3947	**Effect of Terminations at Unexcited Elements on the Synthesis of a Thinned Antenna Array** *Ms. Sergeeva Anna Sergeevna, MIREA – Russian Technological University*
ML1840	**Research on the Petrol Station Replenishment Problem with Along-the-Route Replenishment** *Dr. Wenjia Wang, Test Center, National University of Defense Technology*
ML1845	**Lightweight Visitor Image Privacy Protection Based on Adaptive Regional Perturbation for Smart Tourism Scenarios** *Prof. Chen Mao-Lin, National Chin-Yi University of Technology*
ML1846	**From Online Reviews to Business Survival: A Random Survival Forest Approach to Restaurant Closure Risk** *Prof. Sung-Shun Weng, National Taipei University of Technology*
ML1861	**Intelligent Parallel Manipulators** *Prof. Zhumadil Baigunchekov, Department of Mechanics, Al-Farabi Kazakh National University*
ML1869	**Improving Generalisation in CNN-Based Physicallayer Authentication Through Greedy Layer-Wise Training** *Mr. Alexander Aksenov, MIREA – Russian Technological University*

Part VI Conference Venue

Venue: Hainan Institute of Zhejiang University

Address: Zhejiang University (Hainan), Zhenzhou Road, Science and Technology City, Yazhou District, Sanya City, Hainan Province, China
Website: http://www.hnyjy.zju.edu.cn

About Hainan Institute of Zhejiang University（浙江大学海南研究院）



Hainan Institute of Zhejiang University (HZJU) is a non-profit public institution jointly established by Zhejiang University and the People's Government of Hainan Province in Yazhou Bay Science and Technology City, Sanya, Hainan, in early 2020.

Guided by the needs of serving national major strategies and Hainan's development, HZJU leverages the disciplinary strengths of Zhejiang University as a Double First-Class university and the policy and location advantages of the Hainan Free Trade Port. It focuses on two core fields: marine science (deep-sea research) and tropical agriculture (southern crop breeding). The institute builds an innovation ecosystem integrating education, scientific research, and technology transfer, commits itself to technological breakthroughs and industrialization promotion, and strives to develop an innovation and entrepreneurship platform that "takes root in Hainan and radiates across the country".
Its core objectives are to inject scientific and technological impetus into the construction of Hainan as an international education innovation island and a free trade port, support the development of China into a maritime power and a seed power, and explore a development path featuring the in-depth integration of government, industry, academia, research, and application.

About Public Platform for Deep-Sea Technology Innovation (深海科技创新公共平台)



Located in Yazhou Bay Science and Technology City, Sanya, this platform has its teaching, research and public service facilities comprehensively constructed under government coordination. It introduces renowned universities and research institutions with outstanding strengths in marine disciplines, serving as a pivotal experimental carrier for domestic and overseas marine-related universities and research entities to realize "shared access to equipment and resources".

With the purpose of supporting China's national strategies for developing a maritime power and advancing deep-sea exploration, the platform leverages its geographical advantages and the historic opportunity presented by the construction of the Hainan Free Trade Zone (Port). It further integrates the disciplinary cluster strengths of marine-related universities nationwide.
In the short term, it is proposed to be developed into a base for cultivating high-level talents in Hainan Province and a shared platform for scientific research resources in the marine field. In the long run, it strives to become a national-level science and education platform for marine engineering, a leading research hub in deep-sea science and technology, an incubation base for the integration of industry, academia and research, and a domestically advanced public and international platform for academic exchange and talent cultivation.

In doing so, it will support major national strategic needs such as safeguarding maritime rights and interests and boosting the development of the marine economy.

Access to Hainan Institute of Zhejiang University

1. From Sanya Phoenix International Airport to Hainan Institute of Zhejiang University

Option	Estimated Time	Estimated Cost	Key Details
Taxi	**0.5 - 1 hrs**	**CNY 100 - 150**	Most convenient. Use apps like Didi Chuxing (English interface available) or find official taxis. Input destination: " Hainan Institute of Zhejiang University ".
Direct Bus (Bus No. 409)	**1.5 - 2 hrs**	**CNY 2 - 10**	Take Bus No. 409 at the airport → Get off at Innovation Research and Study Valley Station (创新研学谷站) → Walk to the Institute. Note: Avoid taking it if you arrive after 19:40.
Airport Shuttle + High-Speed Rail + Taxi	**2 hrs**	**CNY 60 - 80**	1. Take shuttle bus or taxi to Sanya Railway Station (15-20 min). 2. Take Hainan Ring High-Speed Railway to Yazhou Station (20-30 min, ~CNY 20). 3. Take taxi to institute from Yazhou Station (15 min, ~CNY 25).

2. From Sanya Railway Station to Hainan Institute of Zhejiang University

Option	Estimated Time	Estimated Cost	Key Details
Taxi	**1 - 1.5 hrs**	**CNY 150 - 180**	Most convenient. Use apps like Didi Chuxing (English interface available) or find official taxis. Input destination: " Hainan Institute of Zhejiang University ".
Direct Bus (Bus No. 409)	**1.5 - 2 hrs**	**CNY 2 - 10**	Take Bus No. 409 at the Railway Station → Get off at Innovation Research and Study Valley Station (创新研学谷站) → Walk to the Institute. Note: Avoid taking it if you arrive after 19:40.
High-Speed Rail + Taxi	**1.3 hrs**	**CNY 40 - 50**	1. Take Hainan Ring High-Speed Railway to Yazhou Station (20-30 min, ~CNY 20). 2. Take taxi to institute from Yazhou Station (15 min, ~CNY 25).

Download this picture:



Part VII Field Visit

Time: 08:30-16:30, November 28, 2026 (Saturday)

Schedule:

Depart from Hainan Institute of Zhejiang University (08:30) → Sanya Daxiaodongtian Tourism Area (09:00 to 12:00) → Lunch (12:30 to 13:30) → Yazhou Ancient City (14:00 to 16:00) → Hainan Institute of Zhejiang University

Note: This itinerary is tentative and may be subject to minor adjustments based on the guide's arrangements.

Tips: (1) Please make sure to bring your passport (for international attendees) or Chinese ID card (for Chinese attendees) with you.

(2) Please present your tour ticket when boarding the tour bus.
(3) Please follow the guide's instructions throughout the tour. Participants must not leave the group without notifying the guide in advance.

>> Sanya Daxiaodongtian Tourism Area (三亚大小洞天旅游区)

Located along Sanya's scenic western coast in Yazhou District, Sanya Daxiaodongtian Tourism Area covers an area of approximately 22.5 square kilometres. First founded in 1187 AD (the Ding Wei year of the Chunxi reign, Southern Song Dynasty), it boasts a history of more than 800 years. As one of Hainan's oldest scenic attractions, it is also China's southernmost tourist site featuring Taoist culture. Revered historically as "Hainan's foremost mountain and sea scenic wonder", the area was first documented by local officials of ancient Yazhou. Their visits gave rise to numerous stone carvings and solidified its cultural status as one of the blessed caves in Chinese Taoism.

The Area is themed around "Grotto-Heavens and Blessed Lands; Wonder of Sea and Mountain," weaving together Taoist culture, longevity culture, and South China Sea dragon culture, while blending coastal leisure, science education, wedding photography, aerial tours, and sea experiences. It is organized into six zones — Grotto-Heaven & Blessed Land, Fortune & Longevity Nanshan, Dragon King of the South Sea, Cliff Inscriptions, Sea-Mountain Wonder, and Sanya Natural History Museum — with more than 50 individual attractions.

Small Dongtian Park



Nanhai Fumen



Yazhou Ancient City（崖州古城）

Nestled in Yazhou District of western Sanya, Yazhou Ancient City represents the southernmost ancient prefectural city within China's territory. Its institutional origin dates back to the Western Han Dynasty. For thousands of years, it functioned as the political, cultural and military hub of southern Hainan, as well as a pivotal frontier stronghold along the ancient Maritime Silk Road.
The ancient city hosts well-preserved historical relics, including Wenming Gate, ancient city wall foundations, the Shaositu Memorial Arch, and Yacheng Confucian Temple — the southernmost Confucian temple in China.

Centred on these core landmarks, the old town retains a distinctive traditional street pattern summarized as “Santong, Silou, Qizhuan, Bajiao”, embodying the exquisite urban planning wisdom of ancient builders. Visitors can wander along weathered stone-paved lanes, experience the authentic layout of the ancient border town, and appreciate the profound historical and cultural heritage of southern coastal China.



Memo Pages