

ICEHTMCTM

International Clinical Engineering & Health Technology Management Congress

Advancing Healthcare Through Technology :
Innovations and Solutions

PROGRAM

📅 17-20 October | 2025 📍 Shenzhen, China



Global Livestreaming

Host Organizers: Global Clinical Engineering Alliance
China Medical Devices Journal Press
The Association for the Advancement of Medical Instrumentation

Website: <https://www.globalcea.org/icehtmc-2025>



Welcome to ICEHTMC 2025

Dear Colleagues and Friends,

It is our great pleasure to welcome you to the 6th International Clinical Engineering & Health Technology Management Congress (ICEHTMC 2025)!

Excitement is building across the global Clinical Engineering community as we gather once again to share knowledge, address critical challenges, and strengthen our international network. This year's host city, Shenzhen, China—widely known as China's Silicon Valley—provides the perfect backdrop. Just north of Hong Kong, Shenzhen is a modern, innovative metropolis renowned for its vibrant culture, dynamic industry, and world-class hospitality. We are confident that your time here will be both professionally enriching and personally memorable. ICEHTMC stands apart as the only global forum specifically focused on the essential intersection between engineering, technology, and patient care. This Congress will energize and equip stakeholders from every corner of the world to improve healthcare outcomes and elevate patient experiences.

Ten years ago, nearly 200 globally renowned experts from over 30 countries gathered in Hangzhou, China, for the first ICEHTMC, where we explored common challenges and opportunities, achieving impactful outcomes. The event was designated as the Global CE Day celebration. Following the ICEHTMC Congress has been bi-annually hosted in countries around the world. Including China, Brazil, Italy, USA, and India. Thanks to many volunteers and growing global collaboration, we overcame challenges and accomplished impactful results for both our discipline and patients, including the creation of GCEA and Global CE Journal. Today, a decade later, our Chinese CE colleagues warmly invite CE colleagues from around the world to return to China to explore a decade of development and innovations. It is the foundation upon which we build our future - through shared knowledge, cooperation, and a stronger, more connected CE community. Together, We Are making it Better.

Our venue, a magnificent and fully equipped conference hotel, sets the stage for meaningful learning, professional development, and international collaboration. Attendees include students, early-career professionals, leading practitioners, industry members, researchers, academicians, and policymakers, all coming together to engage and inspire.

The scientific program is the most comprehensive in ICEHTMC history, offering the best selection from over 440 abstracts submitted from over 60 countries on topics such as cutting-edge innovations, digital health, robotics, and A.I., in addition to workshops on a wide range of topics, including:

- Digital Health, Artificial Intelligence, and Robotics
- Cybersecurity, Risk Management, and Disaster Preparedness
- Best practices and Smart Hospitals



- Health Technology Assessment and Management Strategies
- Innovation, Regulation, and Sustainable Development
- Writing and publishing engineering papers

Sessions will be presented in English and Chinese, with simultaneous interpretation available for all. This multilingual approach ensures greater access, inclusion, and global reach.

Program Highlights Include:

- Opening Ceremony and Plenary Session with world-renowned speakers
- 10th Anniversary Celebration of Global Clinical Engineering Week
- National Chinese Clinical Engineering Tracks
- Global Clinical Engineering Summit
- Global CE Journal Editorial Board Meeting
- GCEA members Annual Meeting and Officer Elections
- Inaugural innovative “Meet & Greet”, a commercial Networking Program
- Health and Wellness Technology Exhibition
- Closing Ceremony

Social Program

ICEHTMC 2025 is not only a platform for learning about the latest global health technologies and Clinical Engineering professional exchange but also a celebration of our community’s culture and passion. This year’s social program offers a delightful blend of experiences, such as:

- Traditional Chinese cultural performances
- Guided city tours exploring Shenzhen’s heritage and innovation
- A refined culinary journey highlighting local cuisines
- A leisurely stroll through one of Shenzhen’s beautiful parks, offering time for informal networking and relaxation
- China’s highlights tour following the Congress

These special moments will enrich your Congress experience and foster lasting personal and professional relationships.

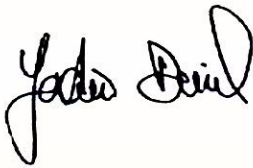
We are proud to present the ICEHTMC 2025 Proceedings, a peer-reviewed collection of abstracts from the oral and poster sessions. Supported by more than 100 expert reviewers coordinated by the Scientific Program Committee and the Global Clinical Engineering Journal, this publication upholds our tradition of academic rigor and excellence. It also marks the fourth ICEHTMC proceedings are published online at GlobalCE.org, further strengthening the global knowledge base of our field.

This Congress is made possible through the dedicated collaboration of the Global Clinical Engineering Alliance (GCEA) and its over 50,000 members – along with 30 Member Associations, the Association for the Advancement of Medical Instrumentation (AAMI), China Medical Devices Journal Press (CMD), the Global Clinical Engineering Journal (GCEJ), AMTZ, Mindray, and our local hosts. Their combined commitment ensures ICEHTMC continues to serve as the cornerstone of our professional community.

ICEHTMC 2025 is a hybrid Congress, designed to maximize engagement of both in-person and virtual participants, utilizing live streaming technology and Zoom webinars. Whether joining in Shenzhen or virtually, we invite all attendees to actively engage, exchange insights, and build meaningful connections.

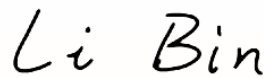
On behalf of the organizers, sponsors, volunteers, and host organizations, we thank you for your presence and participation. We wish you a productive and inspiring experience and look forward to continuing this shared journey at future Congresses. Together, let us envision and build a common future for our profession and global health.

Warm regards,



Dr. Yadin David

Chair, ICEHTMC 2025
Organizing Committee
Global Clinical Engineering
Alliance



Li Bin

Co-Chair, ICEHTMC 2025
Organizing Committee
China Society of Clinical
Engineering



Dong Jin

Local Host, ICEHTMC 2025
Organizing Committee
China Medical Devices Journal
Press



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Scientific Program Committee

Chair of the Scientific Committee: Mladen Poluta, South Africa

First Name	Surname	Country
Omar	Alsohime	Saudi Arabia
Alkinoos	Athanasios	Greece
Stefano	Bergamasco	Italy
Li	Bin	China
Saïde	Calil	Brazil
Dan	Clark	UK
Yadin	David	USA
Antonio	Hernandez	USA
Léria	Holsbach	Brazil
Fred	Hosea	Ecuador
Anwar	Hossain	Bangladesh
Andrei	Issakov	Russia
Sun	Jing	China
Tom	Judd	USA
Manish	Kohli	USA
Eliezer	Kotapuri	UK/USA
Zheng	Kun	China
Fabiola	Martinez	Mexico
Symon	Mbaka	Kenya
Mohini	Mehta	India
Pedro	Moreira	Brazil
Wayne	Morse	USA
Umberto	Nocco	Italy
Timothy	Okhai	South Africa
Frank	Painter	USA
Nicolas	Pallikarakis	Greece
Ricardo	Silva	USA
MG	Sindu	India
Elliot	Sloane	USA
James	Wear	USA
Fei	Xiaolu	China
Zhong	Xiaolu	China
Lou	Xiaoming	China
Nata	Zaman	UK



Supporting Organizations



Track Topics

TRACK	TOPIC/THEMES	TRACK CO-CHAIRS
A	CE/HTM Interventions, Services & Systems	Zheng Khun (China) Umberto Nocco (Italy)
B	Health Technology Innovation & Assessment	Dan Clarke (UK) Elliot Sloane (USA)
C	Healthcare Facilities & Service Delivery	Eliezer Kotapuri (USA) Omar Alsohime (Saudi Arabia)
D	CE/HTM Capacity Building & Strategy	Nata Zaman (UK) Saide Calil (Brazil)
E	CE/HTM Challenges & Solutions in LMICs	Tom Judd (USA) Fabiola Martinez (Mexico)
F	Digital Health, Connected Devices & AI/IoT	Ricardo Silva (USA) Xiaomin Lou (China)

Program at a Glance

Friday, 17 October 2025				
Time	Entry Lounge	Jing Room	Song 1 Room	Exhibition Centre
9:00 am - 13:00 am	Registration			
13:00 pm - 15:00 pm	Registration	Welcome event		
15:00 pm - 15:30 pm		Workshop 1: Global Clinical Engineering Accreditation Program	Workshop 2: Bridging Complementary Medicine, Personalized Care & Clinical Engineering	Exhibition Hall Open
15:30 pm - 15:45pm	Coffee Break			Exhibition
15:45 pm - 16:30 pm	Registration	Short Course: How to write a research paper	Workshop 3: CE/HTM Bodies of Knowledge and Practice	Set up Posters
16:30 pm - 17:00 pm		Global CE Summit		
17:00 pm - 18:30 pm				
9 am — 5 pm	Committee meetings, Panel discussions and Vendor presentations (MEET & GREET)			

Saturday, 18 October 2025									
Time	Entry Lounge	Ballroom	Chinese CE Program	Yuan 1 room	Yuan 2 room	Yuan 3 room	Yuan 4 room	Tang 2+3 room	Exhibition Center
8:30 am - 12:00 am	Registration	Joint Opening Ceremony for ICEHTMC 2025 and 10 th Global CE Week celebration							Exhibition Hall Open
12:00 pm - 13:00 pm	Lunch Break & Posters								Exhibition Hall Open
13:00 pm - 15:00 pm				A1. CE Service Delivery I	B1. HT Innovation & Impact	C1. Health Facility Planning & Design I	D1. System Interventions	E1. Preparedness Challenges	Exhibition Hall Open
15:00 pm - 15:15 pm	Coffee break and Posters								Coffee break and Posters
15:15 pm - 17:15 pm				A2. CE Information Systems I	B2. HT Assessment & Evaluation	C2. Health Facility Planning & Design II	D2. Policy, Discipline & Inclusion	E2. Medical Oxygen Challenges	Exhibition Hall Open
9 am — 5 pm	Committee meetings, Panel discussions and Vendor presentations (MEET & GREET)								
18:30 pm—Midnight	Gala Dinner & Awards (Tickets required)								



Program at a Glance

Sunday, 19 October 2025										
Time	Ballroom	Chinese CE Program	Yuan 1 room	Yuan 2 room	Yuan 3 room	Yuan 4 room	Tang 2+3 room	Room Wu 1+2	Song 2 room	Exhibition Centre
8:30 am - 10:30 am	9:00 am Sharing the World of Clinical Engineering Forum 1		A3. CE General Management I	B3. HT Innovation - AI, Digital Twins & Machine Learning	C3. Quality of Care & Patient Safety	D3. Training & Education for Next-Gen CE	E3. CE/HTM LMIC Innovations	F1. Digital Health & Connected Devices	9:30 am	Exhibition Hall Open
10:30 am - 10:45 am									Global CE Journal Editorial Board meeting	Coffee Break & Posters
10:45 am - 12:45 pm	Sharing the World of Clinical Engineering Forum 2		A4. CE Information Systems II	B4. HT Innovation - AI, Machine Learning & VR	C4. Medical Imaging	D4. Quality Assurance & Patient Safety	E4. CE/HTM Challenges in LMICs	F2. AI, IoT & Future of HTM		Exhibition Hall Open
12:45 pm - 13:30 pm									Lunch & Posters	Lunch & Posters
13:30 pm - 15:00 pm	Sharing the World of Clinical Engineering Forum 3		A5. CE Service Delivery II	B5. HT Innovation - Device Development I	C5. Facility-related Interventions	D5. Women in CE/HTM: Inclusion & Impact	E5. HTM Lifecycle Challenges	F3. AI for Improved & Safer Patient Care	Panel Discussion: Harmonisation of Medical Device Regulations	Exhibition Hall Open
15:00 pm - 15:15 pm	Coffee Break & Posters								Coffee Break & Posters	Coffee Break & Posters
15:15pm - 17:30 pm	GCEA Annual Meeting (Auditorium Room)									
9 am — 5 pm	Committee meetings, Panel discussions and Vendor presentations (MEET & GREET)									

Monday, 20 October 2025							
Time	Entry Lounge	Wen 1+2	Yuan 1 room	Yuan 2 room	Yuan 3 room	Yuan 4 room	Exhibition Centre
8:30 am - 10:30 am			A6. CE Data & AI	B6. HT Innovation - Device Development II	D6. CE Societies, Alliances & Strategy	E6. HTA Challenges IN LMICs	Exhibition Hall Open
10:30 am - 12:30 pm			A7. CE General Management II	B7. HT Innovation - Clinical Studies	D7. Credentialing & Accreditation for Global CE	E7. Quality of Care Strategies	Exhibition Hall Open
12:30 pm - 13:30 pm	Lunch Break & Posters						Lunch & Posters
13:30 pm - 15:00 pm		Congress Closing Ceremony					
10am—1pm	Committee meetings, Panel discussions and Vendor presentations (MEET & GREET)						

Program

WELCOME EVENT



Fri, Oct 17, 13:00-15:00

6F Jing



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
13:00-13:15	Welcoming Remarks	Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA
13:15-13:20	Invite Local Hosts	Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal
13:20-13:30	Welcoming Remarks	Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal
13:30-13:40	Welcoming Remarks	Dong Jin China Medical Devices Journal Press President
13:40-13:45	Introduction to the Keynote Speaker	Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal
		Kun Zheng Children's Hospital, Zhejiang University School of Medicine Senior Clinical Engineer



Time	Speaker/Panelist	Moderators
13:45-14:15	Keynote Speech: From Repairing Machines to Building Eco-systems Jitendra Sharma Managing Director and Founding Chief Executive Officer, Andhra Pradesh MedTech Zone (AMTZ), India Founder and Executive Director, Kalam Institute of Health Technology (KIHT), India Chairperson, Indian Biomedical Skill Consortium (IBSC), India Distinguished Senior Fellow, National Institution for Transforming India (NITI Aayog), India	Tom Judd GCEA Liaison Director World Health Organization (WHO) Health Technology Advisor
14:15-14:30	Scientific Program Chairman's message Mladen Poluta GCEA President-Elect Director, Southern Right HTM Consulting HT Consultant, BCG Engineering Projects	Yadin David President, Global Clinical Engineering Alliance Chairman , Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal
14:30-14:50	GCEA Secretary's message Nata Zaman Secretary General, GCEA Deputy Director of Equipping, New Hospital Programme, NHS England	Mladen Poluta GCEA President-Elect Director, Southern Right HTM Consulting HT Consultant, BCG Engineering Projects
14:50-15:00	Congress Inauguration	Yadin David President, Global Clinical Engineering Alliance Chairman , Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal

Workshop 1: Global Clinical Engineering Accreditation Program



Fri, Oct 17, 15:00-15:30

6F Jing



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Time	Speaker/Panelist	Moderators
15:00-15:30	<p>Workshop 1: Global Clinical Engineering Accreditation Program</p> <p>Hashem Al-Fadel Global Clinical Engineering Alliance Accreditation Committee Member</p> <p>Adeel Alam Manager, Biomedical Technology at Hamilton Health Science Professional Affairs Executive of Canadian Medical and Biological Engineering Society Biomedical Engineering Consultant at TAAAC</p> <p>Stefano Bergamasco Policy Committee Chair, GCEA Chair of International Relationships, Italian CE Association AICC</p> <p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p>	

Short Course: How to Write a Research Paper



Fri, Oct 17, 15:45-16:30

6F Jing



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
15:45-16:30	<p>Short Course on How to Write a Research Paper</p> <p>Elliot Sloane GCEA Elections Committee Chairperson President, Foundation for Living, Wellness, and Health ACCE, AIMBE, and HIMSS Fellow IEEE Senior Lifetime Member Editorial Board Member, Global Clinical Engineering Journal</p> <p>Arthur Wang Global Clinical Engineering Journal Managing Editor</p>	<p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p>



Workshop 2: Bridging Complementary Medicine, Personalized Care & Clinical Engineering



⌚ Fri, Oct 17, 15:00-15:30

📍 6F Song ①



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
15:00-15:30	<p>Bridging Complementary Medicine, Personalized Care & Clinical Engineering</p> <p>Ricardo Silva GCEA Awards Committee Chairperson Foundation for Living, Wellness, and Health (FLWH) Officer</p>	

Workshop 3: CE/HTM Bodies of Knowledge and Practice



⌚ Fri, Oct 17, 15:45-16:30

📍 6F Song ①



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Time	Speaker/Panelist	Moderators
15:45-16:30	<p>Workshop 3</p> <p>Mladen Poluta GCEA President-Elect Director, Southern Right HTM Consulting HT Consultant, BCG Engineering Projects</p> <p>Saide Calil GCEA Educational Development Committee Chair Person</p>	

Joint Opening Ceremony & Plenary Session



Sat, Oct 18, 08:30-12:00

6F Ballroom



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
	<p>The 6th International Clinical Engineering & Health Technology Management Congress Opening Ceremony</p>	<p>Bin Li Chinese Society of Clinical Engineering Former Chairman</p> <p>Jingyi Feng The First Affiliated Hospital, Zhejiang University School of Medicine Director</p>
08:30-08:45	<p>ICEHTMC 2025 Opening Ceremony Video</p>	
		<p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p> <p>Adriana Velazquez Berumen MSc Biomedical & Clinical Engineering Retired from World Health Organization Former Team Lead of Medical devices, WHO</p> <p>Pamela Arora Association for the Advancement of Medical Instrumentation President</p> <p>Dong Jin China Medical Devices Journal Press President</p>
08:45-09:05	<p>Opening Remark</p>	
	<p>The 10th Global Clinical Engineering Week Academic Conference Opening Ceremony</p>	<p>Jiazeng Sun Guangdong Second People's Hospital Director</p> <p>Xiaoru Zhong Shenzhen People's Hospital Deputy Director</p>
09:10-09:20	<p>GCEW Academic Conference Opening Ceremony Video</p>	
		<p>Tom Judd GCEA Liaison Director World Health Organization (WHO) Health Technology Advisor</p> <p>Qingshan Geng Shenzhen People's Hospital President</p>
09:20-09:30	<p>Opening Remark</p>	
	<p>The Best 100 Global Healthcare Products Award and Global MedTech Alliance Launch Ceremony</p>	<p>Guangrong Duan The First People's Hospital of Foshan Vice President</p> <p>Yujun Chen The First Affiliated Hospital of University of Science and Technology of China (Anhui Provincial Hospital) Director</p>



Time	Speaker/Panelist	Moderators
09:30-09:40	<p>Introduction of the Best 100 Global Healthcare Products Award and Global MedTech Alliance</p>	<p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p> <p>Dong Jin China Medical Devices Journal Press President</p>
09:40-09:50	<p>International clinical engineering representatives from China, the United States, the United Kingdom, Italy, South Africa, Brazil, Jordan, and more — a total of 11 — jointly launched the GHPOY Award</p>	
	<p>The 16th China's Best CE Award Competition Finals</p>	<p>Yilu Fan Clinical Engineers Branch of the Chinese Medical Doctor Association President</p> <p>Shaoping Cao Medical Engineering Society of Chinese Medical Association Director</p>
09:55-10:05	<p>The 16th China's Best CE Award Competition Finals Opening Ceremony Video</p>	
09:05-10:10	<p>Opening Remark</p>	<p>Bin Li Chinese Society of Clinical Engineering Former Chairman</p> <p>Zaiwen Li Mindray Senior Vice President</p>
10:10-10:15	<p>Introduction of Best Global Clinical Engineer Award</p>	<p>Ricardo Silva GCEA Awards Committee Chairperson Foundation for Living, Wellness, and Health (FLWH) Officer</p>
10:15-10:25	<p>Thirty clinical engineering representatives from around the world jointly launch Best Global Clinical Engineer Award</p> <p>Plenary Session</p>	
10:30-11:00	<p>A.I. Guardrails: the Case for Clinical Engineering</p> <p>Ricardo Silva GCEA Awards Committee Chairperson Foundation for Living, Wellness, and Health (FLWH) Officer</p>	<p>Hang Wu Xuanwu Hospital, Capital Medical University Director</p>
11:00-11:30	<p>When "Intelligent" Behavior Risks Compromising Safety Implications for Assistive Robotics</p> <p>Praminda Caleb-Solly Professor of Embodied Intelligence & Academic Lead for the National Rehabilitation Centre Honorary Visiting Professor, Nottingham University Hospitals NHS Trust</p>	<p>Jing Zhao China-Japan Friendship Hospital Former Director</p>
11:30-12:00	<p>Technical Review Process and Key Considerations for Medical Devices in China</p> <p>Zhong Lu National Medical Products Administration Institute of Medical Economics Former Director</p>	<p>Ruiyao Jiang Shanghai Sixth People's Hospital Affiliated to Shanghai JiaoTong University Director</p>

A1+A2: CE Service Delivery I+CE Information Systems I



🕒 Sat, Oct 18, 13:00-17:00

📍 6F Yuan ①



Scan for Meeting Details



Time	Authors	Moderators
A1: CE Service Delivery I		
13:00-13:20	Enhancing Medical Equipment Management through the Implementation of China's International Hospital Accreditation Standards (CIHA) in Hong Kong Tai, Tony Chi Wah/ Tse, Lok // China - Hong Kong Him/ Li, Julie Shuk Nei	
13:20-13:40	Quality and Risk Management System for Medical Equipment in Hospitals Wang, Shengjun // China	
13:40-14:00	Research on Continuous Quality Improvement Project for Reducing Downtime of Linacs Lu, Qipeng // China	
14:00-14:20	Closed-loop management of the full cycle of medical equipment asset renewal Luan, Xiaoxiao/ Tian, Yun // China	
14:20-14:35	Design and Development of a Regional Medical Imaging Equipment Quality Control Sharing Platform Under the Mutual Recognition of Diagnostic Imaging Results Policy Qin, Zhang // China	
14:35-14:50	Big Data-Driven Optimization of End-to-End Reagents Supply Chains: A Healthcare Practice Study Chong, Cheng // China	
14:50-15:00	Q&A	



Time	Authors	Moderators
	A2: CE Information Systems I	
15:15-15:35	Comparative analysis of the functionalities of clinical engineering management software in Brazil Darold, Marcella/ Brandão, Mariana/Garcia, Renato // Brazil	
15:35-15:55	Digital Management of Maintenance Work Orders for a health center in Peru Caytano Melendez, Alexys/ Cieza, Leslie // Peru	
15:55-16:15	Design and Development of a Comprehensive Medical Device Lifecycle Management System Utilizing Multi-Platform Real-Time Information Zhang, Fengqin/ Wang, Xinxin/ Wang, Shuo/ Luo, Weizhe/ He, Ai/ Ma, Chao/ Yao, Debiao/ Zhang, Jiawen/ Wu, Wenbin // China	
16:15-16:35	Construction and Practical Analysis of Information Management System for Full Lifecycle of Medical Equipment Luan, Xiaoxiao // China	
16:35-16:50	Inventory and Maintenance Management System for Medical Devices Spahic, Lemana/ Softić, Adna / Badnjević, Almir/ Gurbeta Pokvić, Lejla // Bosnia & Herzegovina	
16:50-17:00	Application exploration of medical equipment management scenarios in the metaverse Liu, Xiaochao // China	

B1+B2: HT Innovation & Impact+HT Assessment & Evaluation



Sat, Oct 18, 13:00-17:15

6F Yuan 2



Scan for Meeting Details



Time	Authors	Moderators
	B1: HT Innovation & Impact	
13:00-13:20	The World Health Innovation Forum (WHIF) Fellowship Program - Opportunities, Challenges and Successes Mehta, Mohini // India	
13:20-13:40	Quantitative Rapid Diagnostic Test (qRDT) Silva, Ricardo/ Mulay, Anagha/ // USA Sivertsen, Clas/ Sivertsen, Abri-Elle	
13:40-14:00	AI-Powered GPS-Enabled Smart Wristbands for Patient Navigation and Nationwide Health Data Integration in Indian Hospitals Alfred, Roger G // India	
14:00-14:20	Innovative Trial Designs Using Tele-Holter Monitor To Meet Global Cardiovascular Risk Screening Demands Galvan, Pedro/ Ortellado, Jose/ // Paraguay Benitez, Gualberto/ Baran, Maria Teresa/ Gonzalez, Graciela / Hilario, Enrique	
14:20-14:35	Healthcare Technology Foundation – Little Steps To Big Impact Clark, Dan // UK	
14:35-14:50	The OntoNova Prototype for AI-guided Design Platform for Healthcare Innovation Hosea, Fred/ Aasman, Jans/ // Ecuador DeBellis, Michael	
14:50-15:00	Q&A	



Time	Authors	Moderators
	B2: HT Assessment & Evaluation	
15:15-15:35	Economic Analysis of New Robotic Surgical Platforms Picozzi, Paola/ Cimolin, // Italy Veronica/ Nocco, Umberto Nocco/ Puleo, Greta/ Labate, Chiara/ Silvi, Federica	
15:35-15:55	Consistency evaluation of the clinical application effect of domestic and imported ultrasound surgical instrument control system Xiong, Wei/ Sun, Fei/ Sun, Jing/ // China Feng, Jingyi	
15:55-16:15	Performance assessment of an oxygen concentrator developed in Peru: a study based on international standards Lopez, Andrea/ Huaman, // Peru Emilio/ Panduro, Luis/ Zumaeta, Katherin/ Chang, Javier/ Córdova, Mauricio/ Gomez-Alzate, Daniela/ Perez, Sandra	
16:15-16:30	Bridging the Breast Cancer Care Divide: A Global Review of Diagnostics, Accessibility Gaps, and Survivorship Challenges in Emerging Regions Manoj, Rishi/T S, Mohammed // India Sabeer/Shafan, Muhammed	
16:30-16:45	The Impact of Different Implants on Magnetocardiography Signals Wang, Yun/ Li, Hailing/ Wang, // China Bo/ Li, Meng/ He, Xiao/ Mamuti, Hailipai/ Yu, Jing	
16:45-17:00	Medical Device Regulation in Israel: A Two-Track Strategy for Early Adoption of Innovative Medical Technologies Sheffer, Nadav // Israel	
17:00-17:15	Q&A	

C1+C2: Health Facility Planning & Design I+Health Facility Planning & Design II



Sat, Oct 18, 13:00-17:15

6F Yuan ③



Scan for Meeting Details



Time	Authors	Moderators
	C1: Health Facility Planning & Design I	
13:00-13:20	Enhancing Hospital Accessibility for Blind and Low-Vision Visitors through a Hybrid Indoor Navigation System: Lessons from a Pilot in Greece Dermitzakis, Aris/David, Yadin // Greece	
13:20-13:40	Modern Infection Control Technology and Safe Patient Habitat: Integrated Approaches for Hospital Inventory, Sanitation, and Air-Water ATP Systems Hossain, Md Anwar // Bangladesh	
13:40-14:00	Ensuring Ultra-Pure Water in Hospital Systems: A Critical Requirement for Patient Safety in Bangladesh Islam Arif, Engr Md. Ariful // Bangladesh	
14:00-14:20	Electromechanical Strategies to Strengthen Infection Control in CSSDs of Bangladeshi Public Hospitals: A Case Study Ahmed, Tanzeel/Hossain, Md. // Bangladesh Anwar/Ahmed, Khandoker/Judd, Tom	
14:20-14:40	The National Rehabilitation Centre – The role of clinical engineering in a new purpose-built rehab centre Clark, Daniel // UK	
14:40-15:00	Architecture of a cyber-physical system for operating room monitoring Houessouvo, Codjo // Benin Roland/Kinnouezan , A. Chams Deen/Idrissou , A. Y. Moubarack/Jossou , R. Thierry/Pecchia , Leandro/Medenou, Daton	



Time	Authors	Moderators
	C2: Health Facility Planning & Design II	
15:15-15:35	Exploring the Application of New Technologies and Developments of Medical Sterilizers in Clinical Practice Wang, Yu // China	
15:35-15:55	A PDCA-Based Strategy for Upgrading Medical Compressed Air Systems in Hospital Infrastructure Zhang, He/Xie, Zizhao/ Zhong, // China Jingru/Wang, Hongchao	
15:55-16:15	Quality Control and Risk Management of Medical Compressed Air Systems Zhang, He/Xie, Zizhao/ Zhong, // China Jingru/Wang, Hongchao	
16:15-16:35	Construction of specialized digital operating room empowered by artificial intelligence Tang, Liping/Liao, // China Zhengbu/Zhou, Rui/Li, Weiben/Zhang, Yaixin	
16:35-16:55	Planning & Implementation of a CT Trailer in an Canadian Acute Care Hospital Mandot, Payal/Whillans, Tomas // Canada	
16:55-17:15	Optimizing Multimodal MRI Layouts Dynamic Field Coupling for Safety & Compatibility Liu, Xiaochao // China	

D1+D2: System Interventions +Policy, Discipline & Inclusion



Sat, Oct 18, 13:00-17:15

6F Yuan ④



Scan for Meeting Details



Time	Authors	Moderators
	D1: Quality, Safety & Innovation	
13:00-13:20	From Access to Action in Leveraging Virtual Learning to Enhance Health Technology Planning and Management in Haiti Felix, Jn Claude // Haiti	
13:20-13:40	Designing Safer Systems: A Methodological Framework for Conceptualizing Intelligent Medical Equipment Incident Management in Clinical Engineering Torres, Joao/Boggio, // Peru Catherine/Cama, Melany/Saavedra, Tayel/Rua, Sara/Rivas, Victor/Venancio, Julissa/Viviano, Margory/Sotelo, Sofia/Avendaño, Flavio	
13:40-14:00	Development of a Medical Device Management Education System Based on the Knowledge of Japanese Clinical Engineers Inagaki, Daisuke // Japan	
14:00-14:20	Alarm Fatigue – A new global survey of the impact on clinical practice and patient safety Clark, Dan/Phillips, JoAnne // UK	
14:20-14:40	Electronic Health Records - a new “partnership of trust” and responsibility – the requisite undergraduate training Fitton, Richard P // UK	
14:40-15:00	Cybersecurity Aftershock: How a Crisis Became a Catalyst at ASST Lecco Marinelli, Paolo/Panzeri, // Italy Simone/Beri, Enrico/ Bacchi, Alberto/De Martino, Ruggero/Trivelli, Marco/Squara, Anna	



Time	Authors	Moderators
	D2: Policy, Discipline & Inclusion	
15:15-15:35	Approaches to Building a Discipline of CE: From Research-Driven Professional Competency Enhancement to Innovation Platform Development Li, Bin // China	
15:35-15:55	The Role of the International Federation for Medical and Biological Engineering and China in the creation of the Global Clinical Engineering Alliance Calil, Saide/David, Yadin // Brazil	
15:55-16:05	Procurement of Medical Devices and in the Age of Rapid Technological Advancement Alfred, Roger G // India	
16:05-16:25	Necessity to build awareness universities in lower resource countries like Bangladesh concerning clinical engineering and hospital management. -Amin, Al/Md. Anwar , Hossain // Bangladesh	
16:25-16:40	IFMBE CED Working Groups Initiative - framework and progress update Fred Hosea // Ecuador	
16:40-17:00	Exploration of Opportunities, Challenges and Paths for the Development of Clinical Engineering from the Perspective of Policies and Regulations Zheng, Jiaxin/Lu, Heqing // China	
17:00-17:15	Q&A	

E1+E2: Preparedness Challenges+Medical Oxygen Challenges



Sat, Oct 18, 13:00-17:15

6F Tang ② + ③



Scan for Meeting Details



Time	Authors	Moderators
	E1: Preparedness Challenges	
13:00-13:15	Risk management, regulations and disaster preparedness Matamoros, Freddy // Ecuador	
13:15-13:35	Deployment of a full BSL-4 hospital for managing health emergencies related to highly infectious diseases and response to bioterrorism Orsi, Giorgio // Italy	
13:35-13:55	Expanding the Role of Clinical Engineers: Enhancing Home Medical Device Safety and Disaster Preparedness in the Community Ichiko Watanabe // Japan	
13:55-14:15	Survey on the Preparedness of Hospitals and Welfare Shelters for Power-Dependent Patients in Okayama Prefecture Hirayama, Takahiro // Japan	
14:15-14:35	Clinical Engineer's Role in Hospital Disaster Wear, James // USA	
14:35-15:00	From Crisis to Renaissance; Biomedical Engineers and the Revival of Hemodialysis Services in Sudan Eisa Idris , Badria/ Esmail, // Sudan Mohammed Yagoub/ Abbas Mohammed , Abdalazizz /Hamad Bashir , Moawia	
	E2: Medical Oxygen Challenges	
15:15-15:35	Development of a Self-Audit and Regulatory Tool for Health Facilities Administering Medical Oxygen Bukhari, Tazeen // Pakistan	
15:35-15:55	Medical Oxygen infrastructure project in Kenya Anyango, Philip/Ndaga, Angela // Kenya	
15:55-16:15	New Dawn for Oxygen at the Last Mile: How Oxygen as a Service is Transforming Rural Healthcare in East Africa Rugut, Joseph // Kenya	
16:15-16:35	Monitoring Water Levels in Humidifier Bottles during Oxygen Therapy Nansereko, Maria Regious // Uganda	
16:35-16:55	Strengthening Oxygen Supply Systems in Small Island Healthcare: A Case for Onsite Generation at Princess Alexandra Hospital – Anguilla Judd, Thomas/Charles, // USA Kenecia	
16:55-17:15	Increasing Access to Medical Oxygen in Remote Areas in Uganda Piwun, Solomon // Uganda	



Sharing the World of Clinical Engineering Forum (Morning Session)



Sun, Oct 19, 09:00-11:55

6F Ballroom ①



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
		<p>Tom Judd GCEA Liaison Director World Health Organization (WHO) Health Technology Advisor</p> <p>Dongming Yang Renmin Hospital of Wuhan University Vice President of the Hongshan Campus</p>
	Moderators	
09:00-09:15	Welcome Remarks	
	<p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p> <p>Adriana Velazquez Berumen MSc Biomedical & Clinical Engineering Retired from World Health Organization Former Team Lead of Medical devices, WHO</p>	
09:15-09:25	Story sharing: CE from China	
09:25-09:40	Story sharing: CE from USA	
	Frank Painter ACCE Past Chairman	
09:40-09:55	EMBES.The Evolving Story	
	Eng. Ihab Gamal Egyptian Biomedical Engineering Society(EBMES) Chairman	
09:55-10:10	Story sharing: CE from UK	
	Nata Zaman Secretary General, GCEA Deputy Director of Equipping, New Hospital Programme, NHS England	
10:10-10:25	Mongolian Biomedical Engineering situation and Medical Device Management	
	Baterdene Myatav Mongolian Society of Biomedical Engineering President	
10:25-10:40	Story sharing: CE from Greece	
	Aris Dermitzakis Institute of Biomedical Technology (Greece) CEO	
10:40-10:55	IKATEMI role story in Indonesia	
	Agus Komarudin, ST., MT. Indonesia Electromedical Association Chairman	
10:55-11:10	Story sharing: CE from Saudi Arabia	
	Omar Alsohime The Medical Electrical Equipment Maintenance Professionals Association (MEEMPA) Chairman	
11:10-11:25	Chilean BME, a Rising Journey	
	Italo Bavestrello Arévalo Chilean Society of Biomedical Engineering (REDCHIB) President	
11:25-11:40	Story sharing: CE from Italy	
	Umberto Nocco Italian Association of Clinical Engineers (AIIC) President	
11:40-11:55	Story sharing: CE from Brazil	
	Saide Calil GCEA Educational Development Committee Chair Person	

Sharing the World of Clinical Engineering Forum (Afternoon Session)



Sun, Oct 19, 13:30-15:00

6F Ballroom ①



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
		Tom Judd GCEA Liaison Director World Health Organization (WHO) Health Technology Advisor Dongming Yang Renmin Hospital of Wuhan University Vice President of the Hongshan Campus
	Moderators	
13:30-13:45	Story sharing: CE from Portugal Pedro de Britto Moreira Neto GCEA Treasurer Vice-President of the Brazilian Association of Clinical Engineering (Abeclin) Co-founded HWMed CTO of TecHealth	
13:45-14:00	Story sharing: CE from South Africa Mladen Poluta GCEA President-Elect Director, Southern Right HTM Consulting HT Consultant, BCG Engineering Projects	
14:00-14:15	Story sharing: CE from Spain Raquel Canovas Spanish Society of Electromedicine and Clinical Engineering (SEEIC)	
14:15-14:30	Story sharing: CE from Canada Adeel Alam Manager, Biomedical Technology at Hamilton Health Science Professional Affairs Executive of Canadian Medical and Biological Engineering Society Biomedical Engineering Consultant at TAAAC	
14:30-14:45	Story sharing: CE from Nigeria	
14:45-15:00	Story sharing: CE from Columbia Karent Muñoz Clinical Engineering for Clínica Imbanaco Head	



A3+A4: CE General Management I+CE Information Systems II



Sun, Oct 19, 08:30-12:45

6F Yuan ①



Scan for Meeting Details



Time	Authors	Moderators
	A3.: CE General Management I	
08:30-08:50	Reduction of Non-Quality Costs Associated with Medical Equipment Use Errors at Clínica Imbanaco Muñoz, Karent // Colombia	
08:50-09:10	Comparative Study of Medical Device Price System and Drug Price System Xuebin, Chen // China	
09:10-09:30	Medical Equipment Management System-Driven Digital-Intelligent Inventory Model: A Data-Centric Framework for Supply Chain Optimization in Healthcare Luan, Xiaoxiao/ Tian, Yun // China	
09:30-09:50	Construction of an Evaluation Index System for Intelligent Quality Control Devices of Multi-Parameter Patient Monitors Zhang, Jinhua/ Zhao, Jing // China	
09:50-10:05	Advanced Software for Budget Management and Strategic Analysis in Clinical Engineering Montero de Espinosa Alés, // Spain Javier/ Sanmartín Sierra, Jose Domingo	
10:05-10:20	Deepseek Clinical application analysis of orthopedic diagnostic and treatment equipment Liu, Xiaochao // China	
10:20-10:30	Q&A	

Time	Authors	Moderators
	A4: CE Information Systems II	
10:45-11:05	Major Medical Equipment Dashboard: An Analytical Model for Technology Governance in Healthcare Mantione, Rocco/ Puleo, Greta // Italy	
11:05-11:25	Implementation of a Unified Medical Equipment Management and Vigilance System in Greece Zisimopoulos, Spilios/ // Greece Daskalaki, Anastasia/ Dermitzakis, Aris	
11:25-11:45	Digital Transformation of Medical Equipment Budget Management for High-Quality Development in Public Hospitals Luan, Xiaoxiao/ Tian, Yun // China	
11:45-12:05	Strategic Management for Decision-Making in Medical Technology Investments: A Model for Evaluating the Renewal of Medical Equipment at Clínica Imbanaco Muñoz, Karent // Colombia	
12:05-12:25	HTM framework - Closing the Information Gap and the National Health Data Strategy Khalaf, Abdelbaset // Canada	
12:20-12:35	Information System for the Evaluation and Prioritization of Biomedical Equipment Renewal Idrissou, Moubarak Aya Yao/ // Benin Houessouvo, Roland C./ Kinnouezan, Chams Deen A./ Jossou, Thierry R./ Houinsou, Joanie/ Pecchia, Leandro/ Medenou, Daton	
12:35-12:45	Q&A	



A5: CE Service Delivery II



Sun, Oct 19, 13:30-15:00

6F Yuan ①



Scan for Meeting Details



Time	Authors	Moderators
13:30-13:45	<p>Spare Part Availability Management Strategy HTM at KSMC Experience</p> <p>Almushitti, Abdulmajeed // Saudi Arabia</p>	
13:45-14:00	<p>Revolutionizing Healthcare Technology Management by Harnessing 3D Printing Solutions</p> <p>Alshuthaili, Salem* // Saudi Arabia</p>	
14:00-14:15	<p>Feasibility Analysis Between Preventive and Corrective Maintenance in Endoscopy Equipment: Evidence from Brazilian Public Hospitals</p> <p>Gonçalves, Alexandre/Vieira, //Brazil Fernanda de Carvalho/Souza, Daniel/Vivas, Gustavo</p>	
14:15-14:30	<p>Issue of Laboratory Equipment Maintenance at the University of Abomey-Calavi</p> <p>HOUSSOUVO, Codjo // Benin Roland/AGBALO, Kémélé Michel/SACRAMENTO, Jean- Christian Etienne/PECCHIA, Leandro/MEDENOU, Daton</p>	
14:30-14:45	<p>Optimizing Radiotherapy Services at CREO through Internal Staff Engagement in Linear Accelerator Maintenance</p> <p>Perez, Maria Flores/ Caverro, // Peru Juan Zavaleta/Mendoza, John De Moura et al</p>	
14:45-15:00	<p>3D Printing for Medical Equipment Agility and Sustainability in Maintenance</p> <p>Santos, Anderson // Brazil</p>	

B3+B4: HT Innovation-AI, Digital Twins & Machine Learning+HT Innovation-AI, Machine Learning & VR



Sun, Oct 19, 08:30-12:30

6F Yuan 2



Scan for Meeting Details



Time	Authors	Moderators
	B3: HT Innovation-AI, Digital Twins & Machine Learning	
08:30-08:50	Toward Smart Assistive Mobility: A Digital Twin Framework for Intelligent Rollator Design Chen, Jialin/ Clos, Jeremie/ // UK Price, Dominic/ Caleb-solly, Praminda	
08:50-09:10	Extended Reality & Machine Learning based Real-Time Endoscopic Procedure For Next Generation Visualization Beyond Simulation Manoj, Rishi/ Sreeram, // India Muthyala Sai/ Naik, Suraj/ Rani K, Usha	
09:10-09:30	Opportunities and Challenges of Digital Twins for Patient Care Sloane, Elliot/ Wickramasinghe, // USA Nilmini	
09:30-09:50	TRFC-net: A Deep Learning Solution to Elevate Inexperienced Residents' Trochanteric Region Fracture Classification Accuracy on X-rays Nie, Rui // China	
09:50-10:10	A Review of Pulmonary Tuberculosis Auxiliary Diagnosis Based on Deep Learning Pan, Zesen // China	
10:10-10:30	Analysis of ventilator alarms based on machine learning Sun, Kai // China	



Time	Authors	Moderators
	B4: HT Innovation-AI, Machine Learning & VR	
10:45-11:00	The iLSTM model based on the improved starbird optimization algorithm is used for the prediction of RR intervals in cardiovascular patients Wenjie, Yu/ Hongwen, Chen // China	
11:00-11:15	Research on WeChat Platform Based on HAPA Theory for High Quality Continuity Rehabilitation Training of Stroke Patients Shi, Weiwei Shi/Liu, Lingyu // China Liu/ Gu, Xiuwen	
11:15-11:30	AI-Powered CSF Cytology System:A Clinical Approach for Mitigating Missed Diagnoses in Leptomenigeal Metastasis Zhang, Lei/ Zhou, Yuxi/ Xu, Ying // China	
11:30-11:45	DIVING: Diagnostic Immersive Imaging Spinosa, Sandro/ De Summa, Marco / Fusaro, Stefania // Italy	
11:45-12:00	Diabetic Retinopathy Screening Telemedicine System Using Hybrid Function Ali, Rawia/ Ahmed, Abuelgasim / Mahmoud, Sulafa // Sudan	
12:00-12:15	A Hybrid Deep Learning Approach for Enhancing Visual Perception in the Blind Using Vision Transformers, Swin Transformers, GANs, and Neural Microelectrode Arrays H R, Many/ Ullakhan, Asif // India	
12:15-12:30	ASST Lecco & Artiness leading the cardiovascular revolution Squara, Anna/ Marinelli, Paolo/ Panzeri, Simone/ Beri, Enrico/ De Martino, Ruggero/ Clerici, Alberto/ Farina, Andrea/ Rossi, Giovanni/ Trivelli, Marco/ Rossini, Giovanni/ Piatti, Filippo/ Monti, Jacopo/ Anania, Ludovico/ Bacchi, Alberto // Italy	

B5: HT Innovation-Device Development I



Sun, Oct 19, 13:30-15:00

6F Yuan ②



Scan for Meeting Details



Time	Authors	Moderators
13:30-13:50	Research on a Piezoelectric Acoustic Power Meter for Instantaneous Acoustic Power Detection in Ultrasonic Surgical Equipment Wang, Shenggeng // China	
13:50-14:10	Development of a Maternal-fetal ECG Simulation System Based on Embedded Platform Wang, Yusheng/Zhao, Shu // China	
14:10-14:25	High-end Intelligent Laparoscopic Systems: A Performance Evaluation Study Huang, Erliang/Xu, Pan/ Yi, // China Lisha/Feng, Shaoyan/Hu, Wenwen	
14:25-14:40	Development and Application of a Rapid Optical Performance Testing Device for Medical Light Guides Liao, Xin/Lu, Xu/Su, Linan // China	
14:40-15:00	A wearable tissue oxygen monitoring device for blood perfusion surveillance in flap transplantation Lu, Ming // China	



C3+C4: Quality of Care & Patient Safety+C4: Medical Imaging



Sun, Oct 19, 08:30-12:45

6F Yuan ③



Scan for Meeting Details



Time	Authors	Moderators
	C3: Quality of Care & Patient Safety	
08:30-08:50	Error study of CBCT registration based on IGRT image in the positioning of lung cancer radiotherapy Li, Jun // China	
08:50-09:10	Clinical application of fixing device for head diagnosis and treatment Xu, Feng // China	
09:10-09:30	Study TPS of the absolute dose change on the PD verification results Li, Jun // China	
09:30-09:50	Current Status and Considerations on the Construction and Application of Perioperative Databases Qiu, Wencong // China	
09:50-10:30	Q&A	
	C4: Medical Imaging	
10:45-11:05	Availability and Functionality of Diagnostic Imaging Modalities for Road Traffic Crash Injury Management in Ghana: Case of Ashanti Region Bart- Plange, Akofa/Bour, // Ghana Bright/Geletu, Abebe/Effah Kaufmann, Elsie/Tiburu, Elvis/Mock, Charles/ Donkor, Peter	
11:05-11:25	Evaluation of AI Software applied to Mammography Screening D'Amato, Maria Federica/ // Italy Cravero, Silvio	
11:25-11:45	Rapid AI-Based Echocardiographic Screening Test (Rest): Impact Assessment and Sustainability Perspective Orsi, Giorgio // Italy	
11:45-12:05	Artificial Intelligence for Breast Cancer Screening: A Multi-Criteria Decision Analysis Approach at Cremona Hospital Beltrami, Anna/Felicione, // Italy Adriano/Onofrio, Rossella	
12:05-12:25	Preliminary Evaluation of the Energy Consumption of MRI Systems Nocco, Umberto/Pezzillo, // Italy Andrea/ Mantione, Rocco	
12:25-12:45	First Spanish Hospital Certified in ISO 27001 for PACS and VNA Systems Sanmartin Sierra, Jose // Spain Domingo/Montero de Espinosa Alés, Javier	

C5: Facility-related Interventions



Sun, Oct 19, 13:30-15:00

6F Yuan ③



Scan for Meeting Details



Time	Authors	Moderators
13:30-13:45	<p>Preliminary Evaluation of the Energy Consumption of MRI Systems</p> <p>Nocco, Umberto/Pezzillo, Andrea/ Mantione, Rocco // Italy</p>	
13:45-14:00	<p>Implementation of a Clinical Alarm Management Program for Early Detection of Patient at Clinica Imbanaco–Quirónsalud Group</p> <p>Muñoz, Karent // Colombia</p>	
14:00-14:15	<p>Development of a testing protocol (PMS) for Pulmochip: a medical device that determines the effective protection factor of respirators used in mining</p> <p>Sifuentes Llatas, Mauricio/ Cieza Huane, Leslie Yessenia // Peru</p>	
14:15-14:30	<p>Implementation of an Intelligent Monitoring System for Pressure and Flow in a Medical Gas Network</p> <p>Houessouvo, Codjo Roland/Moubarack, Idrissou A. Y./Kinnouezan, Chams-Deen A./Jossou, R. Thierry/Houinsou, Joanie/Pecchia, Leandro/Medenou, Daton // Benin</p>	
14:30-14:40	<p>“GREEN” Guided Reduction of Energy for Efficient Nuclear Imaging</p> <p>Spinosa, Sandro/ De Summa, Marco / Fusaro, Stefania // Italy</p>	
14:40-14:50	<p>Design and Production of a Carbon Monoxide meter for an incineration facility-COMA</p> <p>HOUSSOUVO, Roland /AHOUANDJINO, Asaph/DATON, Medenou/GOUDALO, Cedras // Benin</p>	
14:50-15:00	<p>The evaluation of an automated environmental quality control device developed and designed in the neonatology department of the Tanguieta High School of Medicine (HSJD)</p> <p>Houessouvo, Roland C./Crecel, Crédo/Hounsou, Joannie B./Goudalo, C. Faruq S/Pecchia, Leandro/Medenou, Daton // Benin</p>	



D3+D4: Training & Education for Next-Gen CE+Quality Assurance & Patient Safety



Sun, Oct 19, 08:30-12:45

6F Yuan ④



Scan for Meeting Details



Time	Authors	Moderators
	D3: Training & Education for Next-Gen CE	
08:30-08:50	Innovative Training Model for Clinical Engineering Education: The Tshwane University of Technology Experience Okhai, Timothy // South Africa	
08:50-09:10	Translating Clinical Simulation Methodology into Biomedical Engineering Training Cieza Huane, Leslie // Peru Yessenia/Mautino Rodriguez, Maria Fernanda	
09:10-09:30	The Essential Role of On-Demand AI Tutors for Clinical Engineers in Advancing Healthcare Safety and Performance Silva, Ricardo/Bustos, // Spain Thomas/Ortiz-Pelaez, Erick	
09:30-09:50	Empowering Clinical Engineers Through Active Listening The VOC Training Strategy Moreira Simionato, // Brazil Filipe/Venancio Soares, Berthone	
09:50-10:10	Clinical Engineering Training in the USA Painter, Frank // USA	
10:10-10:30	Artificial Intelligence on Clinical Engineering: Redefining the Body of Knowledge and Practice for the Digital Age Martinez-Licona, // Mexico Fabiola/Martinez-Licona, Alma	

Time	Authors	Moderators
	D4: Quality Assurance & Patient Safety	
10:45-11:05	Comprehensive Strategies in Biomedical Metrology Focused on Patient Safety Muñoz, Karent // Colombia	
11:05-11:20	Research on Quality Control of Reprocessing for Medical Flexible Endoscopes Bai, Pengkai/Huang, Zumin/Xie, // China Hai/Chu, Xiaoyang/LI, Jialin	
11:20-11:35	Automated Performance Prediction for Mechanical Ventilators and Anaesthetic Machines Using AI Models Dlakić, Velid/Spahic, // Bosnia & Herzegovina Lemana/Gurbeta Pokvić, Lejla	
11:35-11:50	Alarm management on medical equipment in intensive care rooms : neonatology, operating theater, emergency. HOUESSOUVO, Codjo // Benin Roland/AGBALO, Kémélé Michel/SACRAMENTO, Jean- Christian Etienne/JOSSOU, Rock Thierry/IDJIWOLE, François/PECCHIA, Leandro/MEDENOU, Daton	
11:50-12:05	Definition of a Laboratory Equipment Management Strategy Soroheye, Pascal // Benin	
12:05-12:20	Impact of device age on phototherapy performance for the treatment of neonatal jaundice Anderson, David/ Wellington, // Ghana Van/Balapangu, Srinivasan Shankar/ Mon, Anderson	
12:20-12:45	The development of a quality control device for the wavelength of light emitted by lamps used in neonatal phototherapy equipment Houessouvo , C. // Benin Roland/Gandonou , Colombe/Pecchia , Leandro/Medenou , Daton/ Goudalo, C. Faruq S./Crecel , C. Aymard	



D5: Women in CE/HTM: Inclusion & Impact



Sun, Oct 19, 13:30-15:00

6F Yuan ④



Scan for Meeting Details



Time	Authors	Moderators
13:30-13:50	<p>Social Media for the democratization of knowledge and accessibility in Clinical Engineering</p> <p>Brandão, Mariana/Ferreira, Sonia // Brazil</p>	
13:50-14:10	<p>Women in Clinical Engineering</p> <p>Zaman, Nata // UK</p>	
14:10-14:30	<p>Growing Together: Enriching the Experience of Young Engineers in Kuwait</p> <p>Al-Awadhi, Hanan // Kuwait</p>	
14:30-14:45	<p>Bridging the Gap: Female Clinical Engineers and the Path to Gender-Inclusive Industry Innovation</p> <p>Yang, Fang // China</p>	
14:45-15:00	<p>Unique Contributions of Women in Medical Physics and Biomedical Engineering: Breaking Barriers and Shaping Healthcare Innovation</p> <p>Mank'aa, Ambesi/Njimbong, Bih Jasmibe/Penn, Mezoh Tracy Cameroon</p>	

E3+E4: CE/HTM LMIC Innovations+CE/HTM Challenges in LMICs



Sun, Oct 19, 08:30-12:45

6F Tang ② + ③



Scan for Meeting Details



Time	Authors	Moderators
	E3: CE/HTM LMIC Innovations	
08:30-08:50	Pul Alliance and GCEA: Partners in Digital Transformation for the Last Mile Judd, Thomas/ Kohli, Manish // USA	
08:50-09:05	Designing a containerized Public Health laboratory solution for Madagascar Ministry of Health Di Virgilio, Valerio/ Figueroa // Italy Garcia/Cecil Nathaly/Angel, Diana /Tchokodjeu Kouemo, Emmanuel	
09:05-09:20	Innovations in Disaster Preparations Painter, Frank // USA	
09:20-09:50	Pulpi: A Pediatric-Specific ECG Monitoring Innovation to Bridge Gaps in Clinical Engineering Practice in Low-Resource Settings Unsihuay, Nicole/Mautino, // Peru Maria/Robles, Sandro/Rozas, Franco/Ramirez, Anel/Cieza, Leslie	
09:50-10:05	Indigenous capacity building in healthcare technologies in resource-scarce countries - based on experience gained from a four-decade-long endeavour in Bangladesh Rabbani, Khondkar // Bangladesh	
10:05-10:20	Effect of preventive maintenance of medical equipment in maternity and neonatal units in Rwanda Mwumvaneza, Jean Claude // Rwanda	
10:20-10:30	Bubble Continuous Positive Airway Pressure (CPAP) device for remote areas with unreliable electricity and limited access to medical resources. Bah, Cherno // Gambia	



Time	Authors	Moderators
	E4: CE/HTM Challenges in LMICs	
10:45-11:05	The International Clinical Engineering Corps (ICEC) - background, progress and status quo Mehta, Mohini // India	
11:05-11:20	The Critical Role of Timely Repair of Medical Equipment in Enhancing Healthcare Delivery in Resource-Limited Settings: A Case Study from Combined Military Hospital (CMH), Bangladesh Ashrafuzzaman, Md./ Hassan, // Bangladesh Md Tanjir/Sarka, Nihar Ranjan	
11:20-11:40	Clinical Engineering & Health Technology Management in Low-Resource Regions: An Investigation in Bangladesh Hossain, Md Anwar // Bangladesh	
11:40-11:55	Healthcare Technology Management in Kenya: Case Study, Pumwani Maternity Hospital MWAURA, SALOME // Kenya	
11:55-12:10	Relationship between Quality Defects Identified Through Visual Inspection and Performance Failures in Substandard Medical Devices. Flores de Barriere, Karina // El Salvador Lucia	
12:10-12:15	Community-Based Medical Device Management System for Healthcare Facilities in Resource-Constrained Environments: A Case Study from Cameroon Mank'aa, Ambesi // Cameroon	
12:15-12:30	Establishing Clinical Engineering Solutions in Resource-Scarce Settings: The Case of Phalombe District, Malawi. Chiponde, Kondwani // Malawi	

E5: HTM Lifecycle Challenges



Sun, Oct 19, 13:30-15:00

6F Tang ② + ③



Scan for Meeting Details



Time	Authors	Moderators
13:30-13:45	Optimizing Medical Equipment Effectiveness and Sustainable Management in Low-Resource Settings Atoshvili, Andro/ Sanikidze, // Georgia Zurab	
13:45-14:00	Smart Decommissioning: A Circular Economy Approach to Medical Equipment Lifecycle Management in Emerging Health Systems Ahmad, Mohiuddin/Ahmad, // Bangladesh Maruf/Ahmad, Dhrubo/Rahman, Md. Asadur/Hossain, Md. Anwar	
14:00-14:15	Managing Donated Medical Equipment in LMICs: Towards Sustainable Use, Local Ownership, and Strategic Alignment Alooh, Millicent // Kenya	
14:15-14:25	Publication of the first edition of a “Handbook of biomedical procedures for low-resource settings” Delaspre, Clarisse/Leduby, // France Jo/Ligot, Benoît-Pierre/Ndouba, Ribhar/Page, Maurice/Poinsignon, Thierry	
14:25-14:35	Improving Electrical Safety of Medical Devices in Operating Rooms in Low-Resource Settings: A Case Study from Togo Adjimehossou. Eudes // Togo	
14:35-14:45	Institutional Networking and Pull Procurement Among Teaching Hospitals to Restore MRI Functionality in Ghana Boadu, George // Ghana	
14:45-15:00	Calibration of Medical Equipment - Why is it Critical? Mbakah, Symon // Kenya	



F1+F2: Digital Health & Connected Devices+AI, IoT & Future of HTM



Sun, Oct 19, 08:30-12:45

6F Wu ④ + ②



Scan for Meeting Details



Time	Authors	Moderators
	F1: Digital Health & Connected Devices	
08:30-08:50	Connected Devices: Usefulness, Complexity, & Challenges Liu, KaMan/ Cohen, Ted // USA	
08:50-09:10	Serving the Last Mile Patients with Digital Health Judd, Thomas/ Shirke, Mahesh // USA	
09:10-09:30	Translational Telemedicine for Indigenous Health: A Community-Centered Approach in the Karmata Rúa Reservation Arenas Gonzalez, Weimar/ Garcia, Hernán Felipe/ García Mosquera, Laura Valentina/ Torres Torres, Luis Fernando/ Passo Polanco, Alexander/ Uribe Jaramillo, Isaac/ Taho Mateus, Luisa / Marín Valencia, Maria Clara/ Hernández Arango, Alejandro // Colombia	
09:30-09:50	International Interoperability Standards Maurizio Rizzeto // Italy	
09:50-10:05	Health Wearable Devices as foundational technology for healthcare Gonzalez, Nestor // Mexico	
10:05-10:20	GCEA joining Global Interoperability Implementation Todd Cooper // USA	
10:20-10:30	Barriers and Breakthrough Paths in the Promotion of Home Nursing Technologies Liao, Yuan // China	

Time	Authors	Moderators
	F2: AI, IoT & Future of HTM	
10:45-11:00	Future-Proofing Connected Devices for a Connected Health Ecosystem, with Standards-Based Interoperability Silva, Ricardo/ Williams, Lloyd/ // USA Ayyagari, Aditya	
11:00-11:15	Real-Time IoT (Internet of Things) Monitoring in Medical Equipment Aleid, Jihan // Saudi Arabia	
11:15-12:00	Application of IoT Technology in Medical Equipment Quality Control and Risk Management Zhou, Yunhao/ Huang, Xin/ Li, // China Jing/ Zhang, Nan	
12:00-12:15	IoT-Enabled Virtual Sharing Framework for Medical Equipment in Multi-Campus Hospitals: Survey-Based Design Zhang, He // China	
12:15-12:30	IoT-based Intelligent Management System for Operating Room Medical Equipment: A Practical Study Zhang, He // China	
12:30-12:45	Artificial Intelligence in Medical Imaging Technology Research in China: An Evolutionary Trend and Frontier Analysis – A Scientific Knowledge Mapping Study Using CiteSpace Junhao, Dai // China	



F3: AI for Improved & Safer Patient Care



Sun, Oct 19, 13:30-15:00

6F Wu ① + ②



Scan for Meeting Details



Time	Authors	Moderators
13:30-13:45	An ethical framework for AI-CDSS Silva, Ricardo // USA	
13:45-14:00	Investigation Methods when Intelligent Devices or AI are Involved in Patient Injury or Death Sloane, Elliot/ Silva, Ricardo/ // USA David, Yadin	
14:00-14:15	Development of a Low-Cost Telehealth Monitoring System for Bedridden Patients Mohktar, Mas Sahidayana // Malaysia	
14:15-14:30	AI-Enhanced Digital Transformation in Elderly Care: A Practical Implementation Plan and Societal Impact in Rural Japan WATANABE, ICHIKO // Japan	
14:30-14:45	A Next-Generation Integrated Digital Health Ecosystem Empowered by AI, Cybersecurity, and IoT for Strengthening Healthcare Delivery in Resource-Constrained Settings J, Rohith // India	
14:45-15:00	Patient Engagement App: An AI-Powered Digital Healthcare Assistant Spinosa, Sandro/ De Summa, // Italy Marco / Fusaro, Stefania	

Panel Discussion: Harmonisation of Medical Device Regulations



Sun, Oct 19, 13:30-15:00

6F Song ②



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
13:30-15:00	<p>Panel Discussion: Harmonisation of Medical Device Regulations</p> <p>Sasikala Thangavelu Former Director, Policy, Code and Standards Division, Medical Device Authority (MDA), Ministry of Health Malaysia Medical Device Consultant, World Health Organization (WHO) Adjunct Professor, University of Malaya</p> <p>Stefano Bergamasco Policy Committee Chair, GCEA Chair of International Relationships, Italian CE Association AIIC</p> <p>Maurizio Rizzetto Italian Association of Clinical Engineers (AIIC) Head of the Technical Department at Severus</p>	<p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p>



A6+A7: CE Data & AI+CE General Management II



Mon, Oct 20, 08:30-12:30

6F Yuan ①



Scan for Meeting Details



Time	Authors	Moderators
	A6: CE Data & AI	
08:30-08:45	Artificial Intelligence to support Clinical Engineering CMMS for automated programming of maintenance and replacement plans for the equipment fleet Cravero, Silvio // Italy	
08:50-09:05	Development of a Web-Based System to Structure and Manage Biomedical Equipment Maintenance Data in a Peruvian Clinic Marquina, Marco // Peru Castillo/Huane, Leslie Cieza	
09:05-09:20	Intelligent Decision Support Systems for Hospital Technical Management Kinnouezan, Chams Deen // Benin Ayinla/ Houessouvo, C. Roland/ Idrissou, A. Y. Moubarack/ Houinsou, Joanie/ Pecchia, Leandro/ Medenou, Daton	
09:20-09:35	Development of an Intelligent Mobile Application for Visual Inventory of Biomedical Equipment and Hospital Furniture Idrissou, Moubarack Aya Yao/ // Benin Houessouvo, Roland C./ Kinnouezan, Chams Deen A./ Jossou, Thierry R./ Houinsou, Joanie/ Pecchia, Leandro/ Medenou, Daton	
09:35-09:50	Contribution of Artificial Intelligence to the Maintenance of Laboratory Equipment at the University of Abomey-Calavi Houessouvo, Codjo Roland/ // Benin Agbalo, Kémélé Michel/ Sacramento, Jean-Christian Etienne/ Jossou, Rock Thierry/ Idjiwole, François/ Pecchia, Leandro/ Medenou, Daton	
09:50-10:05	Towards CMMS 4.0: Digital Transformation of Biomedical Services in Hospital Settings Kinnouezan, Chams Deen // Benin Ayinla/Houessouvo, C. Roland/ Idrissou, A. Y. Moubarack/ Jossou, R. Thierry/ Pecchia, Leandro/ Medenou, Daton	
10:05-10:30	Q&A	

Time	Authors	Moderators
	A7: CE General Management II	
10:30-10:50	Proposition on Hospital Asset Management: An Electronic Solution to Prevent Loss of Portable Equipment Borges, Pedro // Brazil	
10:50-11:10	Comprehensive Strategies in Biomedical Metrology Focused on Patient Safety Muñoz, Karent // Colombia	
11:10-11:30	Technology Observatories as a Supporting Tool for Health Technology Management Darold, Marcella/ Brandão, Mariana/Garcia, Renato // Brazil	
11:30-11:50	Development and Implementation of a Medical Equipment Failure Report Management System at a Pediatric Hospital Zavala , Alejandro // Argentina	
11:50-12:10	Guide to the Strategic and Responsible Management of Medical Equipment Ledesma Aguilar, Jose Ramon // Spain	
12:10-12:45	Developing a MCDM Tool for the Comparative Assessment of Medical Devices Mashaabi, Rian/ Nour, Majid/ Hussain, Mohammad Asif // Saudi Arabia	



B6+B7: HT Innovation-Device Development II+ HT Innovation-Clinical Studies



Mon, Oct 20, 08:30-12:45

6F Yuan ②



Scan for Meeting Details



Time	Authors	Moderators
	B6: HT Innovation-Device Development II	
08:30-08:50	MOSY: "My Oxygen SYstem" Low-flow oxygen therapy device with automatic FiO2 and SpO2 control for patients with respiratory diseases Cieza Huane, Leslie // Peru Yessenia/Venancio Huerta, Julissa Elvira/Cardenas Caceres, Pablo/Vilcahuamán Cajacuri, Luis Alberto/Tafur Sotelo, Julio C.	
08:50-09:10	Robotic Oculomotor Simulator for EEG and EOG based Trigger for Motion Replication of Eye and Blinking Manoj, Rishi/Rani K, Usha/Naik, // India Suraj/V, Arvind/G, Darsana	
09:10-09:30	Silicon chip-based receptor technology with nanomaterials-enhancement for application in the detection of biomarkers Okhai, Timothy/Snyman, // South Africa Lukas/Feleni, Usisipho	
09:30-09:50	Implementation of a customized platform for proposal and project management within a research institute Spinosa, Sandro/Iachetti, // Italy Giulio/De Summa, Marco/Fusaro, Stefania	
09:50-10:10	Design and Production of a Respiratory Flow Controller Goudalo, Cédras/Houessouvo, // Benin Roland/Houinsou, Joanie/Pecchia, Leandro/Medenou, Daton Manda Kabongo, Jun // DRC	
10:10-10:30	Innovation in Emergency Cardiac Care: Development of an Auto-Working Portable Defibrillator with Integrated ECG Monitoring Al-Hammadi, Husam // Yemen	
	B7: HT Innovation-Clinical Studies	
10:30-10:50	A Probabilistic Diffusion Framework for Detecting Academic Stress-Induced Abnormalities in ECG Signals Arenas Gonzalez, Weimar/ // Colombia García, Hernán Felipe/ Hernández Arango, Alejandro	
10:50-11:10	Health Technology Management Analysis for Accessibility of Portable Medical Devices in Penitentiary	

Time	Authors	Moderators
11:10-11:30	<p>Clinical Validation and Commercialization Strategies for Beetroot Juice in Managing Menstrual Cramps: A Health Technology Outlook</p> <p>Tanny, Umme Habiba/Hossain, // Bangladesh Md. Bellal/Ashrafuzzaman, Md.</p>	
11:30-11:50	<p>Serum Leptin and Ghrelin as Biomarkers for Metabolic Syndrome in Zambian Adults with Type 2 Diabetes Mellitus</p> <p>Goma, Chinda // Zambia</p>	
11:50-12:10	<p>Preclinical evaluation of a robotic ankle foot orthosis with different actuators for foot drop patients using bench test method</p> <p>Govindaraj, Gowri shankar // India</p>	
12:10-12:30	<p>Artemisinin-based and non-Artemisinin-based combination therapies regimen for uncomplicated malaria in pregnancy and its impact on newborn outcomes in Lunionzo, Democratic Republic of the Congo.</p> <p>Manda Kabongo, Jun // DRC</p>	
12:30-12:45	<p>Q&A</p>	



D6+D7: CE Societies, Alliances & Strategy+Credentialing & Accreditation for Global CE



Mon, Oct 20, 08:30-12:30

6F Yuan ③



Scan for Meeting Details



Time	Authors	Moderators
	D6: CE Societies, Alliances & Strategy	
08:30-08:50	Engineering Leadership in Global Alliance: Cultivating Generation of C.E. for Worldwide Impact David, Yadin // USA	
08:50-09:10	Biomedical Engineering Education, Career Paths and Manpower Development in Sub-Saharan Africa – Nigeria: A Case Study Emmanuel Enyi // Nigeria	
09:10-09:25	The Role of Clinical Engineering Societies in Advancing Africa's Health Technology Ecosystem Irorobeje, Emmanuel // Nigeria	
09:25-09:40	The project of clinical engineering development strategy in Poland Ewa Zalewska // Poland	
09:40-09:55	Activities and Achievements of the Japan Association for Clinical Engineers' Industry-Academia-Government Collaboration Committee in Medical Device Development and Medical-Engineering Collaboration Kato, Hiroshi // Japan	
09:55-10:05	Founding the First Biomedical Engineering Society of Afghanistan Karim, Maria/ Majrooh, Dr // Afghanistan Wahid/ Abdul Rauf, Huma	
10:05-10:20	The Profile of the Clinical Engineer in Brazil Gama, Ana // Brazil	
10:20-10:30	Q&A	

Time	Authors	Moderators
	D7: Credentialing & Accreditation for Global CE	
10:30-10:50	Are we doing enough to develop global clinical engineering capacity David, Yadin // USA	
10:50-11:10	Global Biomedical Engineering Program (GBEP): Establishing Standardized Career Pathways for Biomedical/Clinical Engineering Professionals Alsohime, Omar // Saudi Arabia	
11:10-11:30	Professional Credentialing and Accreditation of Biomedical Engineers in Thailand: A Two-Tier Certification System Senavongse, Wongwit // Thailand	
11:30-11:50	Clinical Engineering Accreditation; The way forward for a quality Health Technology Managemnt Al Fadel, Hashem // Jordan	
11:50-12:10	Global Clinical Engineering Accreditation Program Alam, Adeel/Al Fadel, // Jordan hashem/Ngoie, Jean/ Baretich, Matthew/greenwood, Kim/Judd, Tom/David, Yadin	
12:10-12:30	GCEA Global CE Accreditation Program and Digital Health Thomas Judd // USA	



E6+E7: HTA Challenges IN LMICs+Quality of Care Strategies



Mon, Oct 20, 08:30-12:30

6F Yuan ④



Scan for Meeting Details



Time	Authors	Moderators
E6: HTA Challenges IN LMICs		
08:30-08:50	Beyond Transaction Procurement: Building Sustainability and Trust through End-User Engagement in early Health Technology Sample Inspections Kafle, Smriti/Virgilio, Valerio // Nepal Di/Kouemo, Emmanuel Tchokodjeu	
08:50-09:10	Sustainable Procurement Strategies for Medical Devices Di Virgilio, Valerio // Italy	
09:10-09:30	The Role of Needs Assessment in Sustainable Medical Equipment Procurement in LMICs Di Virgilio, Valerio // Italy	
09:30-09:50	Enhancing Equity, Access and Sustainability in Health Systems through Patient and Community Involvement Mueller, Debjani/Poluta, Mladen // Germany	
09:50-10:10	Review of the global Inequities GAP in Health Technology Assessment Research Through a comparative analysis of Major World Regions and the Caribbean Brice, Dassaëve // Haiti	
10:10-10:30	Health Technology Innovation and Evaluation in Low and Middle Income Countries' Biomedical Landscape Nampeera, Faith // Uganda	
E7: Quality of Care Strategies		
10:30-10:50	Clinical Engineering's Emerging Role in LMIC Digital Health Transformation Judd, Thomas/Kohli MD, Manish // USA	
10:50-11:10	Health Technology and Digital Health in Central Asia Judd, Thomas/Kohli MD, Manish/Sultanov, Talant // USA	
11:10-11:30	Bridging The Gap Of Health Diagnosis Services in Low and Middle Income Countries Through Telemedicine Galvan, Pedro/Servin, Santiago/Ortellado, Jose/Baran, Maria Teresa/Hilario, Enrique // Paraguay	
11:30-11:45	Development of a low-cost quality assurance platform for diagnostic ultrasound probes Adhikari, Adhikari/Arjan Knulst/Camps, Toke // Nepal	
11:45-12:00	Software-Related Failures in PC-Based Medical Devices: A Multidisciplinary Study from Bangladesh ISLAM, MD // Bangladesh	
12:00-12:30	Transcription of Medical Corpus with West African Accents. Keke, Mahuvivi // Benin Turibio/Houessouvo, C. Roland/Jossou, R. Thierry/Medenou, Daton	

Closing Ceremony



Sun, Oct 19, 13:30-15:00

6F Wen ① + ②



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
13:30-13:50	<p>From Circuits to Circulation: The Evolution of Medicine & Engineering & Innovation</p> <p>Shai Tejman-Yarden The Medical Engineering Laboratory at the Augmented Reality Center (ARC) for Digital Innovation Director</p>	<p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p>
13:50-14:00	<p>Conclusion Remarks</p>	
14:00-14:10	<p>Invite Local Hosts</p>	
14:10-14:40	<p>Farewell Message</p>	<p>Bin Li Chinese Society of Clinical Engineering Former Chairman</p> <p>Dong Jin China Medical Devices Journal Press President</p>
14:40-15:00	<p>Next ICEHTMC Congress</p> <p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p>	



Global Events

Global CE Summit



🕒 Fri, Oct 17, 16:30-18:30

📍 6F Jing



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
	Chairman of the forum Yadin David President, Global Clinical Engineering Alliance Chairman , Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal Tom Judd GCEA Liaison Director World Health Organization (WHO) Health Technology Advisor Saide Calil GCEA Educational Development Committee Chair Person	
16:30-16:40	Introduction of moderators	Yadin David President, Global Clinical Engineering Alliance Chairman , Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal
16:40-16:50	2024 Summit recommendations	
16:50-17:10	Actions that have been taken on recommendations	Tom Judd GCEA Liaison Director World Health Organization (WHO) Health Technology Advisor
17:10-17:30	2025 Summit recommendations: Global participation in addressing polling questions	
17:30-17:40	Results of global input	Yadin David President, Global Clinical Engineering Alliance Chairman , Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal
17:40-18:00	Next step actions— A. Selected Topic ranking Next step actions— B. Resolution for Action Plan	Tom Judd GCEA Liaison Director World Health Organization (WHO) Health Technology Advisor
18:00-18:05	i. Appoint Regional coordinators	
18:05-18:10	ii. Regional Task Forces	
18:10-18:15	iii. Regional reports submitted to GCEA	
18:15-18:20	iv. Distributing final reports to stakeholders	
18:20-18:30	Adjournment	Yadin David President, Global Clinical Engineering Alliance Chairman , Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal

GCEA Members Annual Meeting



Sun, Oct 19, 15:15-17:30

6F Auditorium



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
	<p>Chairman of the forum</p> <p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p> <p>Tom Judd GCEA Liaison Director World Health Organization (WHO) Health Technology Advisor</p> <p>Saïde Calil GCEA Educational Development Committee Chair Person</p> <p>Mladen Poluta GCEA President-Elect Director, Southern Right HTM Consulting HT Consultant, BCG Engineering Projects</p> <p>Nata Zaman Secretary General, GCEA Deputy Director of Equipping, New Hospital Programme, NHS England</p> <p>Pedro de Britto Moreira Neto GCEA Treasurer Vice-President of the Brazilian Association of Clinical Engineering (Abeclin) Co-founded HWMed CTO of TechHealth</p> <p>Elliot Sloane GCEA Elections Committee Chairperson President, Foundation for Living, Wellness, and Health ACCE, AIMBE, and HIMSS Fellow IEEE Senior Lifetime Member Editorial Board Member, Global Clinical Engineering Journal</p> <p>Ricardo Silva GCEA Awards Committee Chairperson Foundation for Living, Wellness, and Health (FLWH) Officer</p> <p>Bin Li Chinese Society of Clinical Engineering Former Chairman</p>	
15:15-15:20	<p>Call the meeting to order: i. Designation of Annual Meeting President and Secretary</p>	<p>Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal</p>
15:20-15:30	<p>Attendance and quorum</p>	



Time	Speaker/Panelist	Moderators
15:30-15:50	Introduction of GCEA Advisory Council	
15:50-16:00	Introduction of GCEA members	
16:00-17:00	State of the Alliance: i. Committee reports ii. HTF Foundation iii. New GCEA Awards iv. New programs	
17:00-17:10	Elections: i. MOs elections and voting delegates verification for the office of President Elect, Secretary General, and Treasurer ii. Voting delegates tally and announcement	
17:10-17:15	Vote on the Recommended Changes to Constitution and Bylaws	
17:15-17:25	Questions and Answers	
17:25-17:30	Adjournment	

Global Clinical Engineering Journal Editorial Board Meeting



Sun, Oct 19, 09:30-12:45

6F song ②



Scan for Meeting Details



Time	Speaker/Panelist	Moderators
09:30-09:40	Welcome Remarks	Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal
09:40-09:50	Introduction to Participants	Editorial Board Member
09:50-10:30	Journal Report: 1) Journal Publishing Report 2) Data Analysis 3) Progress on Special Issues 4) Summary of Editorial Highlights and Areas for Improvement Editorial Staff	Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal
10:30-11:00	Discussion on Goal and Challenges: 1) Discussion on Journal Positioning and Development Strategy (ESCI) 2) Recommendations for Expanding Key Disciplinary Strengths 3) Plans for International Collaboration and Editorial Board Expansion 4) Discussion on Hot Topics and Emerging Research Areas (Call for Papers and Special Issue Planning) Editorial Board Member	
11:00-11:20	Editorial Policy and Process Optimization Editorial Board Member	
11:20-11:50	Future Direction and Action Plan: 1) Plan for Young Editorial Board Members 2) Academic Exchange and Collaborative Projects Among Editorial Board Members 3) Journal Promotion and Measures to Enhance International Visibility and Impact Editorial Board Member	
11:50-12:00	Workshop Highlight on Writing Papers Arthur Wang Global Clinical Engineering Journal Managing Editor	
12:00-12:10	Introduction to Awards and Certificates Editorial Board Member	
12:10-12:35	Discussion Editorial Board Member	
12:35-12:45	Next Meeting & Conclusion Yadin David President, Global Clinical Engineering Alliance Chairman, Advisory Committee for GMP of Medical Devices, FDA Founder & First President, ACCE Editor-in-Chief, Global Clinical Engineering Journal	



The 10th Global Clinical Engineering Week Academic Conference			
Date	Time	Meeting Room	Forum Name
Saturday, October 18	13:30-17:30	Zhou	The China Medical Industry Innovation Competition Final
	14:00-17:20	Auditorium	Brain-Computer Interfaces Frontier Research and Translation Sub-Forum
	13:30-17:00	Wu 1+2	The 3rd Medical-Engineering Collaboration: Innovative Technology Empowering High-Quality Clinical Development Seminar
	13:30-18:00	Song 2	Innovation and Practice in Clinical Engineering from a Global Perspective Forum
	13:30-18:00	Wen 1+2	Smart Hospital SPD-Enabled Fine Management Forum for Medical Consumables & Release Conference of the Group Standard "Smart Hospital Medical Consumables SPD Clinical In-Vitro Diagnostic Reagent Management Specification"
	13:30-17:20	Xia	The 2nd High-Quality Hospital Development and Medical Device Innovation Conference
Sunday, October 19	08:45-16:30	Ballroom 1	Sharing the World of Clinical Engineering Forum
	08:30-12:10	Zhou	Release of the Group Standard "Technical Guidelines for Artificial Intelligence and Precision Medicine Applications in Orthopedics " & Innovation Management Forum on Orthopedic Intelligent Surgical Robots
Sunday, October 19	08:30-11:50	Auditorium	Release of the Group Standard "Clinical Application Specification for Prefilled Flush Syringe" & Practical Path of Consumables Management Forum
	08:30-12:00	Xia	AI-Powered SPD Ecosystem Development and Medical-Engineering Integration Summit
	08:30-12:00	Wen 1+2	Integration and Innovation, Jointly Building the Future - Seminar on Innovation and Development of Medical Products (Guangdong)
	13:30-15:20	Jing	China's Best CE Forum
	13:30-18:00	Ballroom 2	Training Course on Hospital Onboarding Compliance Processes and Key Considerations

The 16th China's Best CE Award Competition Finals			
Date	Time	Meeting Room	Forum Name
Saturday, October 18	13:30-17:30	Ming	The 16th China's Best CE Award Competition Finals-Individual Group (Management Group 1)
	13:30-17:30	Song 1	The 16th China's Best CE Award Competition Finals-Individual Group (Management Group 2)
	13:30-17:30	Tang 1	The 16th China's Best CE Award Competition Finals-Individual Group (Research Group)
Sunday, October 19	08:30-12:00	Ming	The 16th China's Best CE Award Competition Finals-Individual Group (Skill Group 1)
	08:30-12:00	Song 1	The 16th China's Best CE Award Competition Finals-Individual Group (Skill Group 2)
	08:30-12:00	Tang 1	The 16th China's Best CE Award Competition Finals-Team Group (Medical-Engineering Integration + Technology Translation Project Group)
	08:30-15:00	Jing	The 16th China's Best CE Award Competition Finals-Team Group (Tertiary Hospital Team Group)
	13:30-17:30	Xia	The 16th China's Best CE Award Competition Finals-Young Clinical Engineers English Speech Competition



Poster Session

The Poster Session will take place in the area of **Wen 1+2** and **Wu 1+2** Halls. Please refer to the floor plan page in the program for details.

Tracks A: CE/HTM Interventions, Services & Systems			
Paper ID	Title	Author Names	First Author Country
49	Exploring the optimization path of medical equipment management from the perspective of nurses	Sun, Lihua*	China
64	Malfunction Analyses and Management Strategies of Medical Electronic Linear Accelerators with Different Brands	Zhang, Zhe*; Xu, Lin; Liu, Jiajia; Zhao, Feng	China
77	Design and Implementation of the MRI Equipment Monitoring and Early Warning System	Ran, Ziyin,*	China
78	Research on the Construction of Evaluation System for the Use and Maintenance Decisions of Emergency Life Support Equipments	Jia, Lu*	China
80	Reliability Research of Fetal Monitor Based on the Weibull distribution of component Lifespan	Liu, Huan-Shu*; Liu,Xiao-Li,	China
82	Discussion on the Maintenance and Preventive Maintenance Management of Emergency Equipment in Tertiary Hospitals	Zhang, Yanyang*	China
110	Construction and Application Practice of POCT Information Management System	Ruyi, Lu; Jin, Sun; Bin, Mao; Ligang, Lou; Jingyi, Feng*	China
111	Construction of medical device quality control management system under the performance evaluation requirements of tertiary public hospitals	Ma, Xianli*	China
119	Quality Control Management of Medical Equipment in the Digital Age	Li, Zijie*	China
120	Construction Practice of the Municipal Regional Medical Equipment Sharing Management Platform	Lu, Zhengda*	China
143	Research on Maintenance Strategy Formulation Based on Criticality and Previous Maintenance Data for Medical Equipment	Du, Xinyu*; Liao, Zhengbu; Tang, Liping; Duan, Aowen; Peng, Wanqian; Li, Weiben	China
195	AI-Enabled Decision Model for Medical Equipment Obsolescence: Construction and Empirical Analysis	Zhang, Linyi*	China
208	Design and implementation of maintenance expert decision making system for medical linear accelerator	Xu, Feng*	China
257	The application and discussion of the FMEA model in the preventive maintenance of first aid and life support equipment	Chen, Zhenzhu*	China

310	Research and application of intraocular lens acceptance equipment which based on intelligent visual recognition	Guo, Xuetong*; Tian, Wei; Zhang, Jiajia	China
335	Medical Equipment Inventory Moving Toward a Remotely Assisted approach	Daskalaki, Anastasia*	Greece
418	The Essential Value of Tailored Project Management Processes in Healthcare Engineering and Health Technology Management	Gray, Stuart; Poluta, Mladen*	South Africa
Tracks B: Health Technology Innovation & Assessment			
Paper ID	Title	Author Names	First Author Country
14	Research on the Construction of Evaluation Index System for Hospital CT Equipment Configuration Based on Health Technology Assessment	Yan, Huifang*	China
28	Clinical Evaluation of Implantable Cardioverter-Defibrillator (ICD) Based on Real World Evidence from a Tertiary Hospital in Xinjiang, China	Hu, Xiaoyuan*; Zhang, Zhe; Miao, Rui; Li, Yuan; Zhao, Feng	China
33	Full-body pose reconstruction and correction in virtual reality for rehabilitation training	Xiaokun, Dai; Zhang, Zhen*	China
36	Clinical Evaluation of Intelligent Occlusion Alarm Function in Intravenous Infusion for Critically Ill Pediatric Patients	Zheng, Caixian*; Lin, Zhongkuan; Chen, Han; Zheng, Kun	China
37	Study on the Clinical Application effect of Low-Field infant MRI	Zheng, Caixian*; Xiang, Siwei; Zheng, Kun	China
43	Application progress of digital twin technology in intelligent construction of operating room	Guo, Conghui*; Ma, Yan; Wang, Xiangyu	China
45	Exploration of Low-Viscosity Liquid Substitution Method in the Performance Evaluation of Heparin Pumps in Hemodialysis Machines	Gao, Weihang*	China
46	Non-invasive Detection of Multiple Myeloma Using Surface-Enhanced Raman Spectroscopy of Urine Combined with Deep Learning	Zhu, Xinran*	China
50	Design and implementation of contactless gesture interaction system based on machine vision in ward environment	Chen, Yao*	China
58	An Oral Diagnosis and Treatment System with Cross-Level Data Interaction and Intelligent Supervision Based on Hardware-Data-Control Architecture	Jian, Chen*	China
73	Usefulness of the 12-lead ECG Reading Guide AR System for Diagnosis of the Accessory Pathway Location Using Delta Waves	Shimamine, Tetsuya*	Japan
74	Real-World Study on Coronary Intravascular Lithotripsy for Calcified Coronary Lesions	Shuyao, Wang*	China



76	Artificial Intelligence Empowers Medical Technology Innovation: Practical Exploration by the Medical Engineering Department of Zhejiang Provincial Hospital of Traditional Chinese Medicine	Guo, Yufeng*	China
83	Kidney Tumor Segmentation Using Swin-Unet Enhanced with Skip-Convolution Blocks	Zhang, Jiarui*	China
87	Analysis of the effect of different conditions on the quality of computed tomography CT images	Chenge, Wang*; Bin, Li	China
113	A Solar-Powered Wearable ECG Monitoring and Early Warning System for Sudden Cardiac Death Risk Detection	Xia, Ting*; Ding, Haonan; Wang, Qixuan; Zhao, Haochen	China
124	Construction and application of an intelligent management platform for infant incubators	Yang, Yueqi*	China
134	Development and Validation of a Double-Claw Extrusion Type Calf Rehabilitation Device for Deep Vein Thrombosis Based on Ankle Pump Exercise Principle	Hong, Zhang*	China
138	Influence of Implanted and Interventional Medical Devices on Cardiac Magnetic Signal Acquisition Using MCG	Tong, Jing*; Li, Bin; Zheng, Yunxin; Li, Jin	China
167	Research and Design of a Wearable Cuff-Based Blood Pressure Monitoring System Using PPG	Zheng, Chuanquan*	China
190	Research on the Influence of the Clamping Position of the Temperature Control Module and the Infusion Speed on the Infusion Temperature of the Nutrition Pump	Zhang, Changxin; Yang, Yusen; Li, Shijin; Zhou, Wenbo*	China
204	Research on the Construction of a Comprehensive Clinical Evaluation System for ECMO under Medical-Engineering Integration	Liu, Jiayu*; Qi, Hongliang; Zhang, Huijun; Chen, Hongwen	China
230	Clinical Evaluation of a Single-Use Powered Endoscopic Linear Stapler in Resections for Lung, Colorectal, and Gastric Cancers: A Prospective, Pragmatic Randomized Controlled Trial	Pan, Yanjun*; Feng, Jingyi	China
231	Clinical Effectiveness of ICU Ventilators with Neurally Adjusted Ventilator Assist (NAVA): An Umbrella Review	Seshu, Naga*; Kachroo, Kavita; Sharma, Jitendra; Menon, Geetha ; Venugopal, Balu; Rajsekar, Kavitha	India
232	A Clinical Engineer's Story: Stroke, Aphasia and a Game he developed	Judd, Thomas*; Ramos, Anderson	Brazil
244	Clinical test & search on medical linear accelerator by Monitor the PTW QUICKCHECK	Jun, Li*	China
258	Construction of a fast-kv switching dual-energy CT radiation model based on monte carlo methods	Li, Shuhan*; Lu, Heqing	China
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116	Innovative SPD Self-Managed Model for Medical Consumables in Public Hospitals: A Cost-Effective Approach to Refined Supply Chain Management	Gao, Zhijian*; Zheng, Zhigan; Feng, Yi; Gan, Jinbing	China



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318	Enhancing Medical Equipment Incident Investigations in Hong Kong Public Hospitals: Development of a Biomedical Engineering Checklist	Choi, Lok Yiu*	Hong Kong, China
322	Comprehensive Analysis of Equipment Failures in Renal Care: Insights from Hospital Incident Reports and Global Surveillance Data	Tse, Lok Him; Hui, Wing Fung*; Man, Cheuk Hin	Hong Kong, China
363	Improvement of Patient Experience in the Use of Medical Technology as a Key Factor: Hospital Architecture at Clínica Imbanaco S.A.S., Cali-Colombia	Sarmiento Montoya, Margarita *	Colombia
379	The Role of MeDevPacks in Advancing UHC and Global Medical Device Nomenclature	Silva, Ricardo*; Velazquez Berumen, Adriana; Ribolzi, Francesco	Switzerland
405	Public-Private Partnership as a Lever for Innovation in Radiology: An Experience of the M. Melloni Presidio of the Asst Fatebenefratelli Sacco of Milan	Cravero, Silvio*	Italy
412	Integrating NSF Biosafety Cabinet and CETA Sterile Compounding Standards for Enhanced Healthcare Environmental Safety	Mehmood, Waqas*	Pakistan
Tracks D: CE/HTM Capacity Building & Strategy			
Paper ID	Title	Author Names	First Author Country
35	Research on the Construction of Internship System and Teaching Practice of Biomedical Engineering Major Based on OBE and PBL	cheng, xuehui; Basheng, Kusili*	China
176	A new Dimension in expanding a Clinical/ Biomedical Engineer's career through Management and Global Collaboration	Stavrianou, Kallirroï*	UK

Tracks E: CE/HTM Challenges & Solutions in LMICs

Paper ID	Title	Author Names	First Author Country
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104	Training and maintenance of operating room equipment, resuscitation, hospitalization, and medical-social emergencies	Loua, Henriette*	Guinea
154	Mobile Biomedical Equipment Deployment Strategies for Flood and Cyclone-Affected Zones in Bangladesh	Amin, Al*	Bangladesh
315	Application of PDCA Management Method in Standardizing the Temporary Procurement Management of Medical Supplies	Li, Xiwei*	China

Tracks F: Digital Health, Connected Devices & AI/IoT

Paper ID	Title	Author Names	First Author Country
23	Exploration and Practice of Performance Evaluation System for Large-scale Medical Equipment Based on Internet of Things Technology in Children's Medical Center	Su, Chang*	China
34	Artificial intelligence generated content (AIGC) in medicine: A narrative review	Shao, Liangjing; Zhang, Zhen*	China
39	A Secured RFID Authentication Protocol in Telecare Medicine Information System	Liu, Wanrong*; Li, Bin; Ji, Zhiyong; Lin, Zicong	China
44	The Application and Risk Management of Digital Health Technology in Home-based Cardiac Rehabilitation	Wang, Shiyu*; Ma, Yan; Wang, Xiangyu; Zang, Meina	China
126	Proposal for Implementing a Big Data Solution to Address Health Data Management	Garro-Colín , José E.; Martínez-Rosales, Diego D.; Reyes-Alonso , Karen; San Agustín-Cruz , Luis A.; Martínez-Licona, Fabiola*	Mexico
178	Monitoring and Prevention of Atrial Fibrillation from Machine Learning Biases and the Use of Home Wearable Devices	Silva, Ricardo*; Medina Avelino, Jorge; Holgado Terriza, Juan	Spain
406	Experimental Evaluation of POC Systems for Monitoring the Operation of Connected Biomedical Equipment and Integration of Cybersecurity Mechanisms in Hospital Environment	Cravero, Silvio*	Italy



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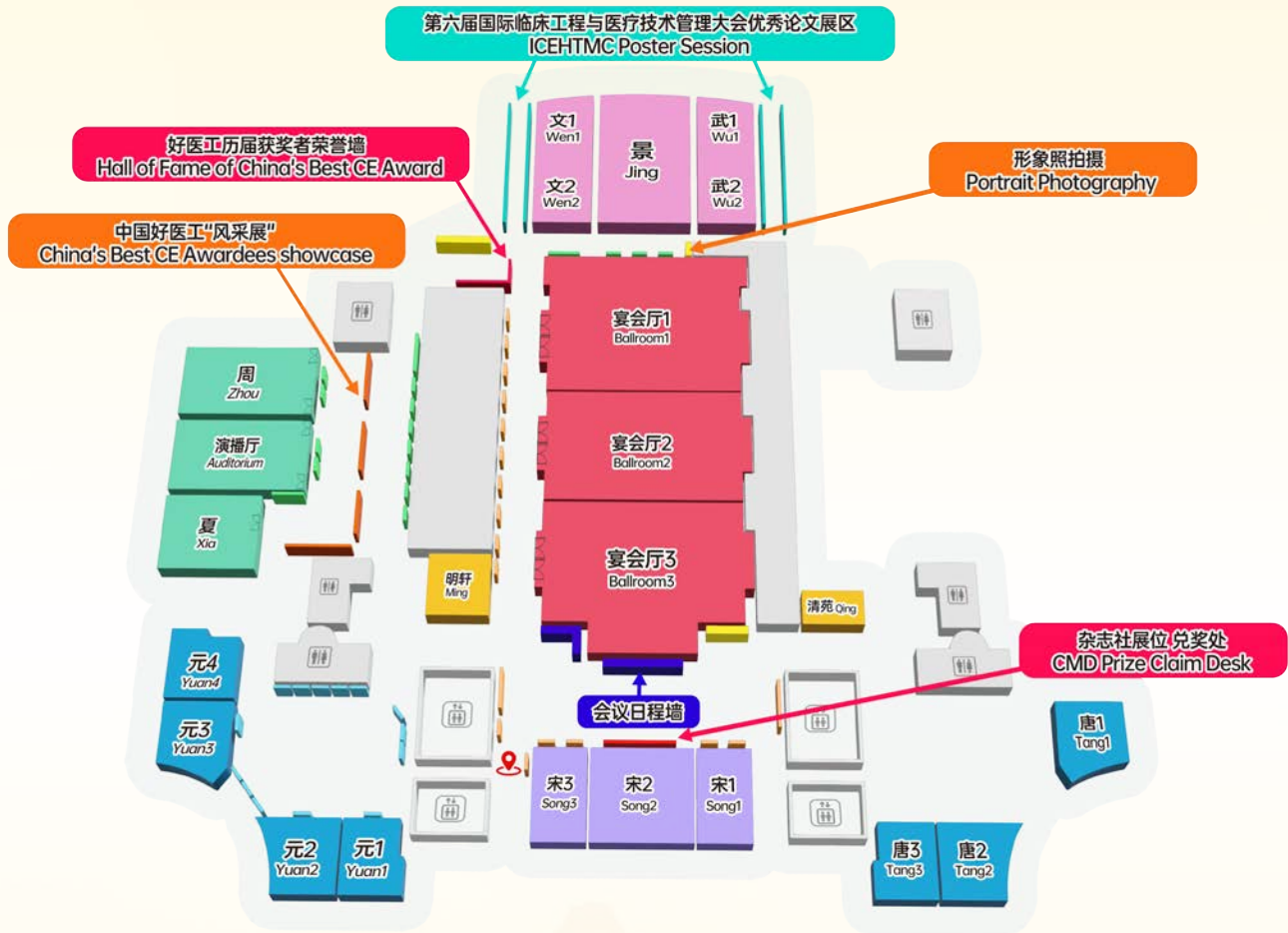
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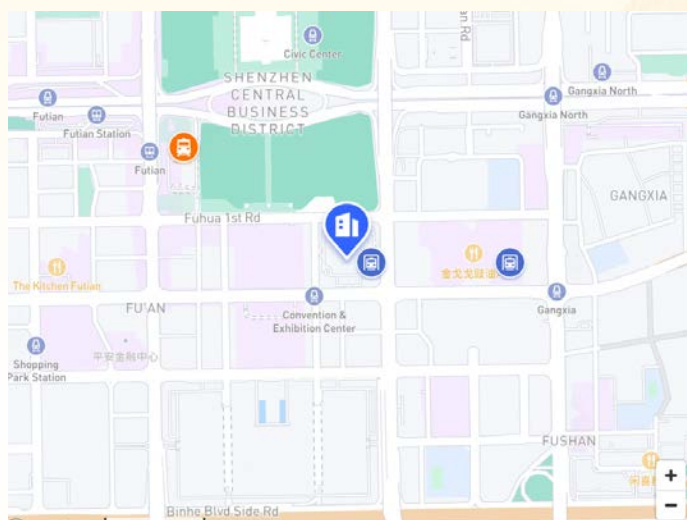
General Information

A. Conference Venue:

Sheraton Shenzhen Futian Hotel (Conference Venue) 深圳大中华喜来登酒店

Address: Great China International Exchange Square, Fuhua Road, Futian District, Shenzhen, Guangdong, China, 518048

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Surroundings:

- Metro: Convention & Exhibition Center (110m)
- Metro: Gangxia (550m)
- Airport: Shenzhen Bao'an International Airport (32.8 km)
- Train: Futian Railway Station (860m)
- Train: Shenzhen Railway Station (7.7 km)

B. Conference Registration:

- Registration will start from 9:00 AM, Friday, October 17, 2025.
- Main Registration Location:

The main registration desk will be at the Sheraton Shenzhen Futian Hotel lobby, where on-site assistance and conference materials will be provided.

- Please complete your registration before going to the 6th floor conference area.

C. Join us:

- Welcome Event:
Time: 13:00-15:00, Friday Oct. 17th, 2025
Location: Jing Hall, 6F Sheraton Shenzhen Futian Hotel
- Joint Opening Ceremony:
Time: 8:30 AM-12:00 PM, Saturday Oct. 18th, 2025
Location: Ball Room, 6F Sheraton Shenzhen Futian Hotel
- Closing Ceremony:
Time: 13:30-15:00, Monday Oct. 20th, 2025
Location: Wen 1+2, 6F Sheraton Shenzhen Futian Hotel

For more updated program information, please scan the QR Code, and visit ICEHTMC website: <https://www.globalcea.org/icehtmc-2025>.

D. Assistant:

For any assistant, please visit the registration table on the first floor at the Sheraton Shenzhen Futian Hotel.

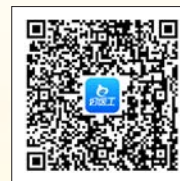
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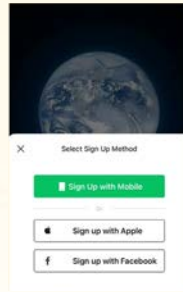
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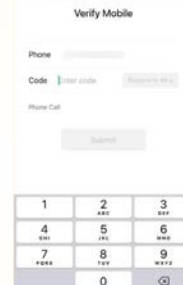
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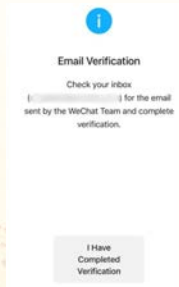
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Step 6: Verify your phone number



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Step 9: Join the ICEHTMC WeChat Group



For assistance, please visit the Registration Desk



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WeChat's Core Usage

Communication

Send text messages, voice messages, and make videocalls through WeChat to keep in touch with friends, family, and business contacts. It also supports groupchats.

Social Networking

Share life updates, photos, and videos via "Moments" to let friends know about their lives. They can also add friends through functions like scanning QR codes and searching by ID.

Payment

Use WeChat Pay for cash-less transactions. Whether it's shopping in malls, buying from street vendors, splitting bills with friends, or transferring money, it can be easily completed through WeChat Pay.

Transportation

Book taxis through Didi mini-program in WeChat, check subway routes, and buy train and flight tickets.

Food and Shopping

Order meals in restaurants or groceries online through relevant mini-programs, and can also purchase various products, enjoying the convenience of online shopping.

Translation

Use the built-in translation function to translate Chinese messages in real-time, which is helpful for communicating with locals, especially when asking for directions.

Location Sharing

Share real-time location with travel companions or hotel staff, which is very useful for meeting in crowded places or finding the way back to accommodation.

Acknowledgments

The Organizing Committee extends its deepest gratitude for the tremendous efforts of all volunteers and committees. Special recognition is given to Li Bin, Zheng Kun, GCEA Manager Kallirroi Stavrianou, and CMD International Liason Officer Xu Meng, whose dedication and support have been invaluable to the success of this Congress.

Organizing Secretariat

China Medical Devices Journal Press

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The vision of the Journal is to become the preferred international forum for knowledge sharing and engagement of practitioners in the clinical engineering field, through the publication of a diverse range of high-quality contributions from professionals across the domains of clinical engineering, health-related technology, informatics, and other patient-care providers.

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The goal of the Journal is to advance and disseminate knowledge, to promote professional networking among practitioners and other stakeholders in academia, industry, government, and other decision-makers. We encourage work submissions by both young and senior researchers and practitioners. Our goal encompasses the promotion of education, training, and ethical professional practice among members of this professional community.

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In 2024, *GCEJ* collaborated with the Organizing Committee of the 10th Panhellenic Conference of Biomedical Technology to publish a special issue featuring selected papers from the conference. This special issue focuses on "Biomedical Technology, Clinical Engineering, the Impact of COVID-19, COVID-19 Transformation, and Digital Health Transformation", showcasing the response of the Hellenic Society for Biomedical Technology as well as European and global biomedical and clinical engineering communities to these challenges. All selected papers possess scientific and engineering relevance and strengths, and illustrate how the interests of clinical engineering research have shifted from pandemic-focused efforts back to their core pursuits—while still being shaped by recent events.

Featured Manuscripts:

1. Novel Functional Electrical Stimulation Parameter Optimization for Neurorehabilitation Using Both Conventional and AI Techniques
2. Human Muscle State Machine using Electromyography Classification with Machine Learning
3. Digital Transformation Management in Health Services: Health Professionals Perceptions as an Implementation Factor
4. Software Skills Identification: A Multi-Class Classification on Source Code Using Machine Learning
5. Revolutionizing Healthcare Education: Mobile Virtual Patients for Digital Problem-Based Learning
6. Kinematic and Dynamic Analysis of the Human Hand's Articulation for Wearable Soft-Robotic Device Applications



The 6th International Clinical Engineering & Health Technology Management Congress (ICEHTMC)

In October 2025, coinciding with the 10th Global Clinical Engineering Week, the 6th International Clinical Engineering & Health Technology Management Congress (ICEHTMC 2025) will be held in Shenzhen, China, from October 17 to 20, 2025. The event is hosted by the Global Clinical Engineering Alliance (GCEA), and co-organized by the Journal of China Medical Devices and the Association for the Advancement of Medical Instrumentation (AAMI). The congress will bring together leading experts, researchers, and policy-makers from around the world to explore the latest developments and innovations in clinical engineering and health technology management.

As the world's only high-level academic journal dedicated to the advancement of clinical engineering, *GCEJ* has gained great support from clinical engineers and practitioners worldwide. The global gathering of Clinical Engineering and Health Technology professionals offers a rare opportunity to engage with thought leaders, exchange innovative best practices, and explore real-world solutions to today's healthcare technology challenges. The overwhelming response to our Call for Papers—over 400 submissions from more than 60 countries, reaffirms ICEHTMC's position as the premier international event for our profession.

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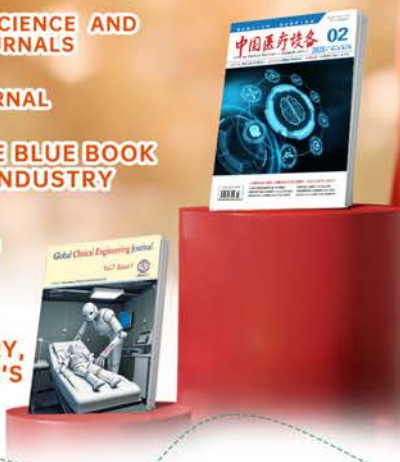
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