

Day 1 (1-Nov.)					
9:00~10:00	Registration @1F Outdoor Zone				
10:00~10:30	Opening Ceremony @ 1F Room 36102				
10:30~10:45	Digital Health Day Announcement "Challenges in Digital Health for chronic disease management" Prof. Paulo Carvalho Department of Informatics Engineering, University of Coimbra, Portugal 1F Room 36102				Poster Exhibition of NSTC Annual Report 10:30 - 12:00
10:45~11:10	Coffee Break @1F Outdoor Zone				
11:10~11:50	Plenary Speech I Prof. K. Kirk Shung Department of Biomedical Engineering, University of Southern California, USA Chair: Prof. Chih-Chung Huang Department of Biomedical Engineering, National Cheng Kung University, Taiwan @ 1F Room 36102				
11:50~12:30 (40min)	Plenary Speech II Prof. Shankar Krishnan International Federation for Medical and Biological Engineering, Wentworth Institute of Technology, USA Chair: Prof. Kang-Ping Lin Conference Chair, ICBHI-2024/ IFMBE Vice-President (2022-2025) Distinguished Professor, Chung Yuan Christian University, Taiwan @ 1F Room 36102				
12:30~14:00	Poster Session I @ 1F Lobby of the Dept. Chemical Lunch @ 2F Room 36204、36206、36308、36373				Executive Committee Meeting (TSB) 12:30-14:00 @4F Bioscience and Biotechnology Building, Li-Hsing Campus
14:00~15:00	NSTC Academic Discipline Briefing @3F Room 36373				Members Meeting (TSB) 14:00-14:30 @4F Bioscience and Biotechnology Building, Li-Hsing Campus
15:10~16:30	Oral presentation I- Biomechanics	Oral presentation I- Biomedical Informatic/ Biomedical Imaging	Oral presentation I- Rehabilitation Aids/ Smart Healthcare/ Medical Device Innovation and Commercialization	Oral presentation I- Biomaterials/ Nanomedicine	Mentoring Workshop (TSB) 14:30~16:30 @4F, Bioscience and Biotechnology Building, Li-Hsing Campus
Veune	2F Room 36204	2F Room 36208	3F Room 36308	2F Room 36206	
Chair	Prof. Hsiang-Ho Chen Department of Biomedical Engineering, Chang Gung University, Taiwan	Prof. Lun-De Liao Institute of Biomedical Engineering and Nanomedicine, National Health Research Institutes, Taiwan	Prof. Yuan-Pin Lin Institute of Medical Science and Technology, National Sun Yat-sen University, Taiwan	Prof. Chih-Kuang Chen Department of Materials and Optoelectronic Science, National Sun Yat-sen University, Taiwan	
15:10~15:30	Invited Lecture Prof. Jaw-Lin Wang Department of Biomedical Engineering, National Taiwan University, Taiwan	Invited Lecture Prof. Yi-Chiung Hsu Department of Biomedical Sciences and Engineering, National Central University, Taiwan	Invited Lecture Prof. Dean Chou Department of Biomedical Engineering, National Cheng Kung University, Taiwan	Invited Lecture Prof. Hsing-Ying Lin Institute of Biomedical Engineering, National Tsing Hua University, Taiwan	
15:30~15:40	G1-019	G3-079	G5-077	G6-001	
15:40~15:50	G1-022	G3-084	G5-033	G6-014	
15:50~16:00	G1-065	G3-018	G5-063	G6-035	
16:00~16:10	G1-023	G3-019	G5-080	G6-051	
16:10~16:20	G1-033	G3-061	G5-079	G6-082	
16:20~16:30	G1-025	G3-053	G5-004	G6-086	
16:30~17:30	Reception @1F Outdoor Zone				

Day 2 (2-Nov.)							
8:30-9:00	Registration @1F Outdoor Zone						
9:00-9:40	Plenary Speech III Prof. Arthur Erdman Department of Mechanical Engineering and the Bakken Medical Devices Center, University of Minnesota, USA Chair: Prof. Chi-Lun Lin Department of Mechanical Engineering, National Cheng Kung University, Taiwan @1F Room 36173						
9:40-11:10	Poster Session II @ 1F Lobby of the Dept. Chemical Coffee Break @1F Outdoor Zone						
11:10-12:30	Oral presentation II- Biomechanics	Oral presentation II- Biomedical Electronics/ Biomedical Optoelectronics	Oral presentation II- Biomedical Informatic/ Biomedical Imaging	Oral presentation II- Biomedical Sensing	Oral presentation II- Rehabilitation Aids/ Smart Healthcare/ Medical Device Innovation and Commercialization	Oral presentation II- Biomaterials/ Nanomedicine	Special Session (A) Women in MBE Forum (9:00-11:30) @ 2F Room 36208
Veune	1F Room 36169	2F Room 36206	1F Room 36173	2F Room 36204	1F Room 36104	1F Room 36106	Special Session (B) Clinical Engineering Forum (9:00-12:00) @2F Room 36202
Chair	Prof. Heng-Li Huang School of Dentistry, China Medical University, Taiwan	Prof. Chih-Chia Huang Department of Photonics, National Cheng Kung University, Taiwan	Prof. Dean Chou Department of Biomedical Engineering, National Cheng Kung University, Taiwan	Prof. Tien-Chun Tsai Core Facility Center, National Cheng Kung University, Taiwan	Prof. Jung-Chih Chen Institute of Biomedical Engineering, National Yang Ming Chiao Tung University, Taiwan	Prof. Cheng-An Lin Department of Biomedical Engineering, Chung Yuan Christian University, Taiwan	
11:10-11:30	Invited Lecture Prof. Sai-Wei Yang Department of Biomedical Engineering, National Yang Ming Chiao Tung University, Taiwan	Keynote Lecture Prof. Yoshifumi Saijo Graduate School of Biomedical Engineering, Tohoku University, Japan	Invited Lecture Prof. Kevin Tz-Hsiang Chen Department of Biomedical Engineering, National Taiwan University, Taiwan	Invited Lecture Prof. Guan-Yu Chen Institute of Biomedical Engineering, National Yang Ming Chiao Tung University, Taiwan	Invited Lecture Prof. Fu-Yu Beverly Chen Department of Biomedical Engineering, Chung Yuan Christian University, Taiwan	Invited Lecture Prof. Ren-Jei Chung Department of Chemical Engineering and Biotechnology, National Taipei University of Technology, Taiwan	
11:30-11:40	G1-072	G4-025	G3-064	G4-013	G5-036	G6-008	
11:40-11:50	G1-007	G2-026	G3-026	G4-015	G5-053	G6-040	
11:50-12:00	G1-035	G2-023	G3-030	G4-018	G5-037	G6-041	
12:00-12:10	G1-044	G2-030	G3-093	G4-020	G5-038	G6-052	
12:10-12:20	G1-037	G2-031	G3-090	G4-014	G5-081	G6-060	
10:20-10:30	G1-067	G2-029	G3-023	G4-035	G5-006	G6-078	
12:30-13:30	Lunch @ 1F Room 36104、36106、36169、36173						
13:30-14:10	Plenary Speech IV Prof. Seok Chung School of Mechanical Engineering, Korea University, Korea. Chair: Prof. Ting-Yuan Tu Department of Biomedical Engineering, National Cheng Kung University, Taiwan. @1F Room 36102						
14:10-15:40	Poster Session III @ 1F Lobby of the Dept. Chemical Coffee Break @1F Outdoor Zone Vendor Promotion Event (矽基分子電測科技、麥德凱生科、芯元生醫、世廷生醫、聯合骨材、國家實驗研究院動物中心、埃默高) @1F Outdoor Zone						
15:40-17:30	Oral presentation III- Biomechanics	Oral presentation III- Biomedical Electronics/ Biomedical Optoelectronics	Oral presentation III- Biomedical Informatic/ Biomedical Imaging	Oral presentation III- Biomedical Sensing	Oral presentation III- Rehabilitation Aids/ Smart Healthcare/ Medical Device Innovation and Commercialization	Oral presentation III- Biomaterials/ Nanomedicine	Young Investigator Competition
Veune	1F Room 36169	2F Room 36206	1F Room 36173	2F Room 36204	1F Room 36104	1F Room 36106	3F Room 36308
Chair	Prof. Bing-Shiang Yang Department of Mechanical Engineering, National Yang Ming Chiao Tung University, Taiwan	Prof. Sheng-Min Huang Department of Pharmacology, National Cheng Kung University, Taiwan	Prof. Wei-Wen Liu Graduate Institute of Oral Biology, National Taiwan University, Taiwan	Prof. Yi-Chang Chung Department of Chemical and Materials Engineering, National University of Kaohsiung, Taiwan	Prof. Jia-Jin Chen Department of Biomedical Engineering, National Cheng Kung University, Taiwan	Prof. Yi-Ju Ho Department of Biological Science and Technology, National Yang Ming Chiao Tung University, Taiwan	Prof. Yeau-Ren Jeng Department of Biomedical Engineering, National Cheng Kung University, Taiwan Prof. Cheng-Hsin Chuang Institute of Medical Science and Technology, National Sun Yat- sen University, Taiwan
15:40-16:10	Keynote Lecture Prof. Elizabeth Clarke Kolling Institute of Medical Research, University of Sydney, Australia	Keynote Lecture Prof. Sergey Tirov Scientific and Technological Centre of Unique Instrumentation of the Russian Academy of Sciences, Russia	Keynote Lecture Prof. Alfred Yu Department of Biomedical Engineering, University of Waterloo, Canada	Keynote Lecture Prof. Yi Jin Center for Neural Restoration, University of Southern California, USA	Keynote Lecture Prof. Yasuyuki Shiraishi Institute of Developing, Aging and Cancer, Tohoku University, Japan	Keynote Lecture Prof. Leslie Yeo Chemical Engineering, Royal Melbourne Institute of Technology, Australia	
16:10-16:30	Invited Lecture Prof. Tung-Wu Lu Department of Biomedical Engineering, National Taiwan University, Taiwan	Invited Lecture Prof. Congo Tak-Shing Ching Graduate Institute of Biomedical Engineering, National Chung Hsing University, Taiwan	Invited Lecture Prof. Chun-Hsu Yao Department of Biomedical Imaging and Radiological Science, College of Biomedical Engineering, China Medical University, Taiwan	Invited Lecture Prof. Yi-Chung Tung Research Center for Applied Sciences, Academia Sinica, Taiwan	Invited Lecture Prof. Chih-Wei Peng School of Biomedical Engineering, Taipei Medical University, Taiwan	Invited Lecture Prof. Ying-Chieh Chen Department of Materials Science and Engineering, National Tsing Hua University, Taiwan	
16:30-16:40	G1-040	G2-002	G3-078	G4-023	G5-034	G6-002	
16:40-16:50	G1-066	G4-034	G3-027	G4-012	G5-069	G6-011	
16:50-17:00	G1-005	G2-009	G3-021	G4-019	G5-062	G6-044	
17:00-17:10	G1-069	G2-008	G3-057	G4-028	G5-059	G6-057	
17:10-17:20	G1-052	G2-042	G3-072	G4-022	G5-065	G6-072	
17:20-17:30	G1-077	G2-044	G3-032	G4-030	G5-041	G6-089	
18:00-21:00	Conference Banquet @ ROYAL GLORY 濃園滿漢餐廳						

Edge
Computing
Innovation
Competition
邊緣運算創意
競賽
(13:00-17:00)
@3F 36373

“MBEC” Springer
Workshop: How to write
and publish a scientific
paper.
Tutors representatives of
the MBEC editorial team
and publishing house

(13:00-14:00)
@2F Room 36208

JMBC Best Paper
Award

(14:00-16:00)
@2F Room 36208

Lunch
(12:00-13:00)
@2F Room 36208

Lunch
(12:00-13:00)
@2F Room 36202

Special Session (B)
Clinical Engineering Forum
(13:00-16:00)
@2F Room 36202

TSBME General Assembly
會員大會
(16:00-17:30)
@ 2F Room 36202

Day 3 (3 -Nov.)							
8:30~9:00	Registration @1F Outdoor Zone						
9:00~9:40	Plenary Speech V Prof. Chen-Sheng Yeh Department of Chemistry, National Cheng Kung University, Taiwan Chair: Prof. Ping Ching Wu Department of Biomedical Engineering, National Cheng Kung University, Taiwan @ 1F Room 36102						
9:40~10:10	Keynote Speaker Prof. Hubert Lim Dept. of Otolaryngology-Head & Neck Surgery, University of Minnesota, USA Chair: Prof. Yi-Chun Du Department of Biomedical Engineering, National Cheng Kung University, Taiwan @ 1F Room 36169			Keynote Speaker Prof. Nam-Joon Cho School of Materials Science and Engineering, Nanyang Technological University, Singapore Chair: Prof. Hui-Min David Wang Graduate Institute of Biomedical Engineering, National Chung Hsing University, Taiwan @ 1F Room 36173			
10:10~11:20	Poster Session IV @ 1F Lobby of the Dept. Chemical Coffee Break @1F Outdoor Zone						BME Industrial Forum (10:20 -11:30) @ 2F Room 36208
11:20~12:40	Oral presentation IV- Biomechanics	Oral presentation IV- Biomedical Electronics/ Biomedical Optoelectronics	Oral presentation IV- Biomedical Informatic/ Biomedical Imaging	Oral presentation IV- Biomedical Sensing	Oral presentation IV- Rehabilitation Aids/ Smart Healthcare/ Medical Device Innovation and Commercialization	Oral presentation IV- Biomaterials/ Nanomedicine	NSTC Research Grant for University Student (11:30 -12:40) @ 2F Room 36208
Veune	1F Room 36169	2F Room 36206	1F Room 36173	2F Room 36204	1F Room 36104	1F Room 36106	
Chair	Prof. Ting-Sheng Lin Department of Biomedical Engineering, I-Shou University, Taiwan	Prof. Yi-Chun Du Department of Biomedical Engineering, National Cheng Kung University, Taiwan	Prof. Yi-Yu Alan Hsu Miiin Wu School of Computing, National Cheng Kung University, Taiwan	Prof. Ching-Te Kuo Department of Mechanical and Electro-Mechanical Engineering, National Sun Yat-sen University, Taiwan	Prof. Hung-Yi Lin Department of Electrical Engineering, National University of Kaohsiung, Taiwan	Prof. Yan-Jye Shyong School of Pharmacy, National Cheng Kung University, Taiwan	
11:20~11:40	Invited Lecture Prof. Chun-Li Lin Department of Biomedical Engineering, National Yang Ming Chiao Tung University, Taiwan	Invited Lecture Prof. Jian-Xing Wu Department of Biomedical Science and Technology, National Sun Yat-sen University, Taiwan	Invited Lecture Prof. Tzu-Hsien Yang Department of Biomedical Engineering, National Cheng Kung University, Taiwan	Invited Lecture Prof. Tzong-Rong Ger Department of Biomedical Engineering, Chung Yuan Christian University, Taiwan	Invited Lecture Prof. Ting-Sheng Lin Department of Biomedical Engineering, I-Shou University, Taiwan	Invited Lecture Prof. Tse-Ying Liu Department of Biomedical Engineering, National Yang Ming Chiao Tung University, Taiwan	
11:40~11:50	G1-030	G4-008	G3-073	G4-016	G5-030	G6-013	
11:50~12:00	G1-043	G2-019	G3-076	G4-031	G5-048	G6-062	
12:00~12:10	G1-060	G2-036	G3-041	G4-006	G5-047	G6-066	
12:10~12:20	G1-079	G2-037	G3-077	G4-002	G5-045	G6-067	
12:20~12:30	G1-031	G2-033	G3-068	G4-036	G5-003	G6-075	
12:30~12:40	G1-078		G3-005	G4-026		G6-090	
12:40~13:30	Awards and Closing Ceremony @ 1F Room 36102						