

Opening Ceremony & Plenary Speech

08:30-16:30, May 19 th , 2023 B301, Suzhou International Expo Centre		
Opening Ceremony		
Host: Hairong Zheng		
08:30-09:00	Address	
Plenary Speech Session 1		
Chairs: Jing Cheng & Hairong Zheng		
09:00-09:40	Towards Progress in Translational Neuroscience	Thomas C. Sudhof 2013 Nobel Prize in Physiology or Medicine
09:40-10:10	Cell-free DNA Fragmentomics: Biology and Applications	Y.M. Dennis Lo 2022 Lasker Medical Research Awards
10:10-10:30	Coffee Break	
Plenary Speech Session 2		
Chairs: Xiaosong Gu & Guangzhi Wang		
10:30-11:00	Innate Sensors in Immunity, Inflammation and Cancer Immunotherapy	Xuetao Cao Academician of Chinese Academy of Engineering
11:00-11:30	Neuroplasticity and Neuromodulation	Muming Poo Academician of Chinese Academy of Sciences
12:00-13:30	Luncheon	
Plenary Speech Session 3		
Chairs: Wei Tian & Deyu Li		
13:30-14:00	Innovation Research & Development of Medical Devices in China in the New Era - Challenges and Opportunities	Shengshou Hu Academician of Chinese Academy of Engineering
14:00-14:30	Medical Robotics and Biomedical Engineering	Guang-Zhong Yang Fellow, The Royal Academy of Engineering
14:30-15:00	Photoacoustic Tomography of Molecular Absorption from Organelles to Patients	Lihong Wang Fellow, American Academy of Engineering
15:00-15:20	Coffee Break	
Plenary Speech Session 4		
Chairs: Ning Gu & Suiren Wan		
15:20-15:50	Status and Perspective of Proton Therapy Facilities	Zhentang Zhao Academician of Chinese Academy of Engineering
15:50-16:30	MINFLUX Nanoscopy and Related Matters MINFLUX	Stefan W. Hell 2014 Nobel Prize in Chemistry

Scientific Program for Forums

No	Themes	Date & Time	Room No
F01	IUPESM-MEP (Medical Engineering & Physics) Workshop	May 20th 08:30-12:00	A102
F02	IFMBE Young Investigator Competition	May 21st 08:30-12:00	A110
F03	Meeting the Editors and Publishers	May 20th 13:30-17:30	A102
F04	Biomedical Engineering Education	May 20th 08:30-17:30	A211
		May 21st 08:30-12:00	
F05	Advances in Medical Physics	May 21st 08:30-12:00	A102
F06	Forge Ahead with the New Journey of Domestic Radiotherapy Equipment and Lead the Innovation of Accurate Radiotherapy Technology to Set Sail Again	May 21st 08:30-12:00	A103
F07	The 2nd Industrial, Academic, Educational, Clinical Cooperative Forum on Respiratory Disease	May 20th 08:30-17:30	A210
F08	The Shelter Clinical-based Cooperative Forum on Stroke Prevention, Diagnosis, Treatment and Rehabilitation	May 20th 08:30-17:30	A209
F09	Medical Device Industry Innovation and Integration Development of Industry and Education	May 20th 09:00-16:30	A213
F10	Cardiac Arrhythmia Forum	May 20th 08:30-17:30	A305
F11	Cardiovascular Innovative Medicine Translation Forum	May 20th 08:30-18:00	A108
F12	Technology Enabling Industrial High-quality Development Forum – The 5th Medical Device Innovation and Entrepreneurship Conference	May 20th 08:30-18:00	A101
F13	The 4th BME Her Forum	May 21st 08:45-12:00	A104
F14	Integrated Development of Mechanical Circulatory Support Devices	May 20th 08:30-12:00	A109-110
		May 20th 13:30-16:00	A109
		May 20th 13:30-17:30	A110
F15	Innovative Development of Medical Artificial Intelligence Integration	May 20th 08:30-17:30	A103
F16	2023 Cardiovascular Frontier Research and Technological Innovation Forum	May 20th 08:30-17:30	A104-105

Scientific Program for Sessions

No	Themes	Date & Time	Room No
S01	Biomedical Signal Processing	May 20th 08:30-17:30	A204
		May 21st 08:30-16:00	A203
		May 21st 08:30-16:00	A204
S02	New Frontiers of Medical Imaging and Image Processing	May 20th 08:30-17:30	A212
		May 21st 08:30-16:00	A212
		May 21st 08:30-16:00	A213
S03	Brain-Apparatus Communication and Neural Engineering	May 20th 08:30-17:30 May 21st 08:30-16:00	A216
S04	Rehabilitation Engineering – “New Ideas, New Methods, New Progress”	May 20th 08:30-17:30 May 21st 08:30-16:00	A205
S05	Biomedical Sensors and Wearable Systems	May 20th 08:30-17:30 May 21st 08:30-16:00	A303
S06	The 19th Asian Conference on Computer Aided Surgery (ACCAS 2023)	May 20th 08:30-17:30 May 21st 08:30-12:00	A301
S07	Biomechanics in Human Health	May 20th 08:30-17:30 May 20th 08:30-17:30 May 21st 08:30-16:00	A202 A203 A202
S08	Organoids and Organs-on-Chips	May 20th 08:30-17:30	A206
S09	Micro/Nano-bioengineering	May 20th 08:30-17:30 May 21st 08:30-12:30 May 21st 08:30-12:30	A215 A214 A215
S10	Tissue Engineering and Regenerative Medicine	May 20th 08:30-17:30 May 21st 08:30-16:00	A208
S11	Industrialized Development and Clinical Application of Biomaterials	May 20th 08:30-17:30 May 21st 08:30-16:00	A304
S12	Integration and Innovation of Big Data and Artificial Intelligence Empowers the Development of Smart Hospital	May 21st 08:30-16:00	A209
S13	The 5th Medical Engineering Shaoguang Innovation Session	May 21st 08:30-16:00	A105
S14	2023 Annual Meeting for Biomedical Photonics	May 20th 08:30-17:30 May 21st 08:30-12:00 May 21st 08:30-12:00	A207 A206 A207
S15	The 5th Summit Forum on Immunology and Clinical Application	May 20th 08:30-17:30 May 21st 08:30-16:00	A302
S16	Artificial Organs	May 21st 08:30-16:00	A307
S17	Medical Laboratory Engineering : Medicine and Industry, Fusion and Innovation	May 21st 08:30-12:00	A305
S18	Integrated Innovation of Health Perception Assessment and Intervention	May 20th 08:30-17:30	A106-107
		May 20th 13:30-17:30	A106
		May 20th 13:30-17:40	A107
		May 21st 08:30-12:00	A106
		May 21st 08:30-12:00	A107