

TIME is according to Taiwan Time Zone (TTZ)  
Version: 2022/11/4, 13 pm

DAY	TIME	
<b>Nov. 7 Monday</b>	7:30 – 8:20	
	8:20 – 8:30	<p><b>Welcome from Conference Chair and Introduction to the BIBE Series</b> Professor Jeffrey J.P. Tsai President, Asia University, Taiwan</p> <p>Moderator: Professor Ka-Lok Ng, Asia University, Taiwan</p>
<b>Nov. 7 Monday</b>	8:30 – 9:30	<p>Session chair: Professor Jeffrey J.P. Tsai President, Asia University, Taiwan</p> <p>Keynote (1) Professor Antonios Mikos, Rice University, USA</p>
<b>Nov. 7 Monday</b>	9:30-10:30	<p>Session chair: Professor Y-h. Taguchi Chuo University, Japan</p> <p>Keynote (2) Professor Soumya Raychaudhuri, Harvard Medical School, USA</p> <p>8:30- 9:30 pm, Sunday, November 6, EST</p>

<b>Nov. 7 Monday</b>	10:30-10:45	Break	
	10:45-11:45	Session chair: Professor Y-h. Taguchi Chuo University, Japan  S1.1 Noninvasive modalities for Lung and Diabetes PAPER ID 59, 65, 32	Session chair: Professor Jing-Doo Wang Asia University, Taiwan  S1.2 Deep Learning and Radiomics PAPER ID 55, 56
<b>Nov. 7 Monday</b>	11:45-13:00	Lunch	
	13:00-15:00	Session chair: Professor Ka-Lok Ng, Asia University, Taiwan  S1.3 Applications of mechanical and image analysis in biomedical study PAPER ID 51, 16, 17, 92, 38	Session chair: Professor Wen-Pin Hu Asia University, Taiwan  S1.4 Treatment and Monitoring platforms PAPER ID 46 , 39, 45
<b>Nov. 7 Monday</b>	15:00-15:10	Coffee Break	
	15:10-17:10	Session chair for both A and B sessions Professor Francesco Mercaldo University of Molise, Italy  S1.5A Explainable Artificial Intelligence in Bioengineering (EAIB) PAPER ID 4, 8 S1.5B	Session chair for both A and B sessions Professor, Yu-Fang Shen Asia University, Taiwan  S1.6A Biomechanics PAPER ID 14, 36, 95 S1.6B Biomaterials

		Deep Learning for Health Markers PAPER ID 7, 42, 85, 62	PAPER ID 61, 64
	17:10-17:20	Break	
	17:20-18:20	Session chair: Professor Liang Kung-Hao National Yang Ming Chiao Tung University, Taiwan  S1.7 Bioinformatics and Biomedical Engineering in response to the COVID pandemic (BBE-COVID) PAPER ID 48, 68, 79	Session chair: Professor Chia-Che Ho Asia University, Taiwan  S1.8 3D Printing PAPER ID 53, 60, 75
	<b>Nov. 8 Tuesday</b>		
<b>Nov. 8 Tuesday</b>	8:00 – 8:30		
	8:30 – 9:30	Session chair: Professor Ching-Hsien Hsu Asia University, Taiwan  Keynote (3) Professor Alireza Haghighi Harvard Medical School, USA 7:30- 8:30 pm on Monday, November 7, EST	
	9:30-10:30	Session chair: Professor Jean-Claude Latombe Stanford University, USA	

<b>Nov. 8 Tuesday</b>		Keynote (4) Professor Gill Bejerano, Stanford University, USA	
	10:30-10:45	Break	
	10:45-11:45	Session chair: Professor Liang Kung-Hao National Yang Ming Chiao Tung University, Taiwan  S2.1 Pandemic effects PAPER ID 66, 69, 33	Session chair: Professor Cheng-Fang Su National Yang Ming Chiao Tung University, Taiwan  S2.2 Deep learning on optical modalities PAPER ID 24, 34, 82
	11:45-13:00	Lunch	
<b>Nov. 8 Tuesday</b>	13:00-14:00	Session chair: Professor Jaw-Lin Wang, National Taiwan University, Taiwan  Keynote (5) Professor Mien-Chie Hung China Medical University, Taiwan	
	14:00-15:00	Session chair: Professor Chia-Che Ho Asia University, Taiwan  S2.3 Biomaterials PAPER ID 50, 74	Session chair: Professor Michail Zervakis Technical University of Crete, Greece  S2.4 Modeling of Cells and Pathways PAPER ID 52, 71, 86
<b>Nov. 8 Tuesday</b>	15:00-15:10	Break	
	15:10-17:10	Session chair Professor Charles C. N. Wang	Session chair: Professor Michail Zervakis

		Asia University, Taiwan  S2.5 Applications of machine learning in drug predication and bioinformatics PAPER ID 37, 63, 73, 76, 78, 80, 91	Technical University of Crete, Greece  S2.6 Electrophysiological Signals and Augmented Reality PAPER ID 44, 58, 5, 9, 10, 11
	17:10-17:20	Break	
	17:20-18:20	Session chair: Professor Wen-Pin Hu Asia University, Taiwan  S2.7 Biosensors for Healthcare and Biomedical Applications (BHBA-1) PAPER ID 29, 31	
		<b>Nov. 9 Wednesday</b>	
<b>Nov. 9 Wednesday</b>	8:00 – 9:30		
	8:30 – 9:30	Session chair Professor Anthony Y.H. Liao Asia University, Taiwan  Keynote (6) Professor Regina Barzilay – MIT, USA [Video recording presentation]	
	9:30-11:30	Session chair Mr. Charles Ellis	Session chair: Professor Ka-Lok Ng,

<b>Nov. 9 Wednesday</b>		Georgia State University, Georgia Institute of Technology, and Emory University Atlanta, USA  S3.1 Explainable Artificial Intelligence in Bioengineering (EAIB) PAPER ID 25, 27, 28, 96, 98	Asia University, Taiwan [for both A and B sessions]  S3.2A Network and complexity analysis in bioinformatics PAPER ID 57, 49  S3.2B EEG Modeling and Analysis PAPER ID 83, 26, 88
	11:30-12:30	Lunch	
<b>Nov. 9 Wednesday</b>	12:30-14:30	Session chair: Professor Ka-Lok Ng, Asia University, Taiwan  S3.3 Quantum science and nanotechnology PAPER ID 67, 70, 43, 72	Session chair: Professor Yi-Wen Chen China Medical University, Taiwan  S3.4 Biosensors for Healthcare and Biomedical Applications (BHBA-2) PAPER ID 47, 77, 81
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