

	【BMFSA2025】 Dec. 13th, Sat : Day 1			【ICCMEH2025】 Dec. 13th, Sat : Day 1	
Time	Room A (Lecture Room 1)	Room B (Lecture Room 2)	Room C (Terminal Room1)	Room D (Seminar Room 3)	Room E (Seminar Room 4)
8:30	BMFSA2025 & ICCMEH2025 Registration 8:30～ (Entrance Area)				
10:00-10:20				Opening Ceremony (Room C) Chair: Masaaki Tamagawa (Kyutech)	
10:20-10:30				Break	
10:30-11:30				ICS-K1:Keynote Speech 1 (Room C) Chair:Kamarul Arifin Ahmad(UPM)	
				Performance Evaluation of Single Pad Externally Adjustable Fluid Film Bearing Prof. Satish Shenoy B (Department of Aeronautical and Automobile Engineering, MIT, MAHE, India)	
11:30～13:00	Lunch	Board of Directors and Council of BMFSA 11:30～12:30, Room B		Lunch (Lunch Box)	Commitee Meeting of ICCMEH(Seminar Room 4) 11:30～12:30, Room E
		Hall and Lounge			
13:00-14:00	BMF1-A1: Education, Cognition and Learning Support Chair: Satoru Takagi (Waseda Univ.)	BMF1-B1: Sports Engineering and Human Motion Chiar: Fumihiko Mori (Tamagawa Univ.)	BMF1-C1: Fuzzy Theory and Optimization Chiar: Hiroaki Uesu (Kanazawa Inst. Tech.)	ICS1-D1:Industrial Application by CFD Chiar:Mohhamad Zuber (MAHE)	ICS1-E1: Biomechanics Chair:Adi Azriff Basri(UPM)
	A002 Comparison of Group Cognitive Structures Based on Learners' Awareness Survey and Considerations for Teaching Methods Yuna OKUYAMA, Satoru TAKAGI	B003 A Preliminary Study on the Standardization of Movement Speed in Blind Football Masato OTAKE, Yasukazu HASHIGUCHI, Ryoji ISANO, Shuji SAKAMOTO, Akihito KOAKUTSU	A004 A Triple-Layer Hybrid Optimization Algorithm for Optimization Problems Shoma ISHII, Toshihiko WATANABE	ICCMEH23 CFD-Based Design Optimization of a C-D Rocket Nozzle Using the Response Surface Methodology Approach on Exhaust Plume Characteristics and Thrust profile Izzat Najmi Mohd Yaacob (Department of Aerospace Engineering, Faculty of Engineering, Universiti Putra Malaysia)	ICCMEH19 Numerical Investigation of the Impact of Arterial Stiffness on Hemodynamics in the Carotid Artery Using a Multiphase Flow Model Sai Kireeti (Department of Mechanical and Industrial Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education)
	A003 Exploring Students' Perception of Instructional Material Structures through Fuzzy Theory-Based Analysis Taisei YAMAGA, Satoru TAKAGI	A019 Racket Head Acceleration as an Indicator of Upper Limb Movement Efficiency: The Potential for Relaxation Level Assessment Using a Single IMU Haruki MARUME, Hideaki ORII and Hideaki KAWANO	A005 Convergence Acceleration for RRT Using Heuristic Optimization Techniques Wenhao HUANG, Toshihiko WATANABE	ICCMEH21 Effect of Turbulence on the Steady-State Lubrication Performance of Four-Pad Adjustable Bearings under Different L/D Ratios Girish Hariharan (Department of Mechanical & Industrial Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India)	ICCMEH24 Mechanical Characterization of the Human Ascending Aorta Using a Transversely Isotropic Fung-Type Hyperelastic Model with Initial Tangent Moduli under Force-Controlled Biaxial Testing Hiroshi Yamada (Department of Biological Functions Engineering, Kyushu Institute of Technology)
	A010 A Study on Tourist Guide Texts Created by Generative AI Yoshiyuki MATSUMOTO, Naruki SHIRAHAMA	B010 A Fundamental Study on an Upper Limb Joint Angle Estimation System for Complex Movements Yusuke GOTO, Eiichi INOHIRA	A006 Evaluation of Fuzzy Correlation Coefficients Based on Random Resampling Data Hiroaki UESU, Norihiro SOMEYAMA, Kimiaki SHINKAI, and Shuya KANAGAWA	ICCMEH08 Fundamental Study on the Improvement of Antifouling Performance of Ship Hulls Using Vibrating Shark Skin Sawa Danjo (Department of Mechanical Engineering, Kyushu Institute of Technology)	ICCMEH03 Effects of different surface coatings on taper junctions of partial hip implants: A finite element wear study Satish Shenoy B((Department of Aeronautical and Automobile Engineering, MIT, MAHE)
14:00-14:10	Break				
14:10-15:10	BMF1-A2: Medical Treatment, Nursing and Health Sciences Chiar: Hiroko Noto (Kyushu Univ.)	BMF1-B2: Welfare, Parasportsand Social Systems Chair: Yasukazu Hashiguchi (Nihon Univ.)	BMF1-C2: AI and Emotional Information Processing Chiar: Naruki Shirahama (Shimonoseki City Univ.)	ICS1-D2:Biomedical Devices 1 Chair: Nobuo Sakai (Kyutech)	ICS1-E2:Data Analysis by Sensor Chair: Kazuto Takashima (Kyutech)
	B001 A Fundamental Investigation of Thrombus Formation Around Peripheral Intravenous Catheters for Infants Using Flow and Structural Analyses Yuko MIYAMURA, Masaaki TAMAGAWA	A015 Mental Disorders and Criminal Responsibility Toru YUKIMASA	A001 Analysis of Emotional Understanding Characteristics and Persona Diversity in Large Language Models Naruki SHIRAHAMA, Naofumi NAKAYA, and Satoshi WATANABE	ICCMEH07 Explicit Dynamics and CFD Modelling of Blood Leakage Phenomena Following Needle Injection Adi Azriff Basri(Department of Aerospace Engineering, Faculty of Engineering, Universiti Putra Malaysia)	ICCMEH02 Comparative Analysis of Shear Stress Distribution and Bending Performance in Multi-Geometry Soft Pneumatic Finger Hrishikesh P Shastry (Department of Mechanical and Industrial Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education)
	B002 Actual Conditions of Diurnal Fatigue and Health Needs Associated with Day-Shift Nursing Work Azusa YOSHIMURA, Ami KATO, Akari SAEKI, Kaori KUDO, Chie SHIMOYAMA, Asami UENO, Nobuko Hashiguchi, Hiroko NOTO	B004 A Literature Review on Coach Development in Parasports Yasukazu HASHIGUCHI, Masamitsu ITO, Ryoji ISANO, Takayuki KOYAMA, Wakaki UCHIDA	A008 The Relationship between the Spectral Slope Index of Sound Signals and Comfort Koki BANDO, Taro KATO, and Mitsuki FURUI	ICCMEH05 Evaluation of Influence of Various Parameters on Penetration Accidents during Endovascular Treatment Hiroto Hidaka(Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology)	ICCMEH01 Shape-Memory Polymer- Based Force Sensor with Programmable Sensitivity via Structural and Stiffness Modulation Sourav Roy (Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology, Kitakyushu)
	A018 Acupuncture and Moxibustion Treatment for Palmoplantar Pustulosis with Multiple Coexisting Symptoms Takeshi YAMAKAWA	B007 A Study on Methods for Acquiring and Analyzing Ambiguous Information in Kyudo Fumihiko MORI	A009 Data Augmentation Methods by Generative AI Using GAN Shoki ARITA, Toshihiko WATANABE	ICCMEH10 CFD and Structural Analysis for Preventing Thrombus Formation around a Peripheral Intravenous Catheter for Infants Yuko Miyamura((Department of Nursing, Faculty of Fukuoka Medical Technology, Teikyo University)	ICCMEH18 Comparison of Feature Combinations for Unstable Gait Recognition Using a Single Inertial Sensor and Machine Learning Kodai Kitagawa (Mechanical and Medical Engineering Course, National Institute of Technology (KOSEN), Hachinohe College)
15:10-15:20	Break				
15:20-16:20	BMF-S1: BMFSA2025 & ICCMEH2025 Keynote Lecture 1 (Remote Lecture Room 1, Academic Information Center) Chair: Masaaki Tamagawa (Kyutech)				
	Digital Transformation (DX) for Nursing Care Prof. Sozo INOUE (Graduate School Life Science and System Eng., Kyushu Insititute of Technology, Japan)				
16:20-16:30	Break				
16:30-17:30	ICS-K2:BMFSA2025 & ICCMEH2025 Keynote Speech 2 (Remote Lecture Room 1, Academic Information Center) Chair: Hiroshi Yamada (Kyutech)				
	Physiological Mechanisms Optimizing Quiet Standing Posture Assoc. Prof. Testuya Kimura (Graduate School of Human Development and Environment, Kobe University)				
17:30-19:00	Transportation to Knowledge Sharing Meeting ①Direct bus from Kitakyusyu Science and Research Park to venue hotel (18:00 departure), ②By public transportation Kitakyusyu Science and Research Park – (bus) – JR Orio Station – (train) – JR Kurosaki Station – (on foot) – venue Kitakyusyu Science and Research Park – (bus) – Kurosaki Station – (on foot) – venue				
19:00-21:00	BMFSA2025 & ICCMEH2025 Knowledge Sharing Meeting for Invited Guests Hotel Crown Palace, Kitakyushu				

