

Time	Block 1 (E0.02)	Block 2 (E0.04)	Registration
09:00	Keynote 7 (E0.02)		
09:30	Coffee Break (E1.05)		
10:00	Mechanical Ventilation 2	Devices	
	ID 28: "Mechanical Ventilation Mode Classification: A Dual-Input Convolutional Neural Network Approach with Class Activation Mapping"; Zu Hui Hor, Christopher Yew Shuen Ang*, Yeong Shiong Chiew, Basri Mat Nor, Matthew Edward Cove, J. Geoffrey Chase	ID 43: "Estimation and Control of Simultaneous Activation of Two Independent Instruments at One Electrosurgical Generator"; Isabel Wange Pinto*, Fabian Janich	
	ID 102: "Respiratory parameters via thoracic and abdominal tilt angles"; Bernhard Laufer, Rua Murray, Paul D Docherty, Sabine Krueger-Ziolek*, Fabian Hoeflinger, Leonhard Reindl, Knut Moeller	ID 55: "Material properties characterization for the 4D printing of the hand orthosis utilized for cerebral palsy treatment"; Mohsen Barmouz*, Iraide Iraide Rodríguez Boo, Armin Armin Siah Sarani, Bahman Azarhoushang	
	ID 40: "PEEP Selection: Dynamic Elastance versus An Over- distension Measurement"; Qianhui Sun*, J. Geoffrey Chase, Cong Zhou, Merryn Tawhai, Jennifer L. Knopp, Knut Moeller, Geoffrey M Shaw, Thomas Desaive	ID 78: "Personalized therapy using drug delivery devices "; Dániel András Drexler, Borbála Gergics, Melánia Puskás*, Tamas Haidegger, Levente Kovacs	
	ID 100: "Functional Residual Capacity Predictions through Three Personalized Basis Functions in a Virtual Patient Model for VCV"; Trudy Caljé-van der Klei*, Qianhui Sun, Cong Zhou, J. Geoffrey Chase, Thomas Desaive	ID 82: "Static In-Line Gas Mixer for Physiological Capnogram Simulation"; Robin Bruett*, Claudia Durasiewicz, Christina Hagen, Philipp Rostalski, Georg Männel	
	ID 108: "Functional Residual Capacity Predictions through Three Personalized Basis Functions in a Virtual Patient Model for PCV"; Trudy Caljé-van der Klei*, Qianhui Sun, Cong Zhou, J. Geoffrey Chase, Thomas Desaive	ID 105: "Simulated COPD in Healthy People with Increasing PEEP"; Jaimey A. Clifton*, Ella F. S. Guy, Trudy Caljé-van der Klei, Lui Holder-Pearson, J. Geoffrey Chase	
	ID 12: "Identification of Airway Resistance in Spontaneous Breathing with and without CPAP"; Ella F. S. Guy*, Jaimey A. Clifton, Trudy Caljé-van der Klei, Jennifer L. Knopp, Lui Holder-Pearson, J. Geoffrey Chase	ID 112: "Integration Aspects of Smart Actuators in Active Medical Implants for Personalized Medicine"; Sonja Müller*, Ulrich Mescheder	
11:30	Lunch (Mensa)		

Time	Block 1 (E0.02)	Block 2 (E0.04)	R e g i s t r a t i o n
12:00	TC8.2 Meeting (2.01)		
13:00	<i>Cardio-Vascular</i>	<i>Biomedical Imaging</i>	
	ID 52: "B-spline-based Modulating Function Method for Arterial Blood Flow's Estimations"; Boukaf Mohamed, Abderrahim Akhrouf, MESSAOUD CHAKIR, Zehor Belkhatir, Taous- Meriem Laleg*	ID 20: "Improved Control System for Digital Imaging Elasto-Tomography Breast Cancer Screening"; Henry Wayne Hall*, Jessica Louise Fitzjohn, Cong Zhou, J. Geoffrey Chase	
	ID 69: "Non-Contact Acquisition of PPG Signal using Chest Movement-Modulated Radio Signals"; Israel Jesus Santos Filho, Muhammad Mahboob Ur Rahman*, Taous-Meriem Laleg, Tareq Al-Naffouri	ID 34: "Radio Frequency Measurements for Electrical Impedance Tomography"; Alberto Battistel*, Jack Abraham Wilkie, Rongqing Chen, Ahmad Karime, Knut Moeller	
	ID 107: "Model Parameter Identification as an Index of Fluid Responsiveness"; Nicolas Davey*, Liam Murphy, J. Geoffrey Chase, Cong Zhou	ID 42: "Self-Supervised DEnoising UltraSound Network (DEUS-Net)"; Christian Janorschke*, Jan Meyer, Daniel Wulff	
	ID 109: "Estimating aortic blood pressure from femoral pressure measurements via an arterial transfer function: A Gaussian decomposition approach"; Liam Murphy*, J. Geoffrey Chase, James Cushway, Thomas Desaive	ID 90: "Skin Servo Control for Neonatal Incubators: A Novel Approach Using Infrared Thermography"; Florian Voss*, Steffen Leonhardt, Markus Johannes Lueken	
	ID 117: "Determining Distribution of a Seven-Dimensional Point Cluster with a Novel Hypersphere Method"; Nicolas Davey*, J. Geoffrey Chase, Cong Zhou, Liam Murphy	ID 96: "Quantitative evaluation of camera-based 3D reconstruction in laparoscopy: A review"; Birthe Göbel*, Knut Moeller	
14:30	Coffee Break (E1.05)		
15:00	Closing and Award Ceremony (E0.02)		
15:45	Excursion: City Tour Villingen (Meeting point: Main entrance E building)		