International Symposium on Human Welfare Engineering for Smart-Aging

Date: December 8 (Thursday), 2022

Program

	Chair Dr. Xiaoyong ZHANG, Associate Professor National Institute of Technology, Sendai College & Smart Aging Research Center, Tohoku University		
13:30~13:35	Opening address by Dr. Noriyasu HOMMA, Professor, Tohoku University		
	Graduate School of Medicine & Human Welfare Engineering Division, Smart Aging Research Center		
13:35~14:15	Special lecture 1		
	Title: Learning Entropy: Machine Learning Based Information		
	Concept for Anomaly Detection	-	
	Dr. Ivo BUKOVSKY	36	
	Associate Professor, University of South Bohemia in ČESKÉ BUDĚJOVICE & Czech Technical University in Prague	1 million	
14:15~14:55	Special lecture 2		
	Title: Time series transition of the human heart rate variability using ALLSTAR database		
	Dr. Emi YUDA		
	Assistant Professor, Tohoku University		
14:55~15:05	Break		
15:05~15:45	Special lecture 3		
	Title: Video based beat-by-beat blood pressure monitoring		
	Dr. Osama A. OMER	00	
	Professor, Aswan University, Egypt	No.	

Student session

15:50~16:05	Title: How intra-source imbalance affects deep learning performance for COVID- 19 diagnosis using chest X-ray images	
	Graduate School of Biomedical Engineering, Tohoku University	

- 16:05~16:20 Title: Pre-clinical evaluation approach of a bare metal aortic stent for interventional dissection treatment
 Xiaoxi HOU, Mayo Kobyayashi, Yasuyuki Shiraishi, Tomoyuki Yambe and Kazuhiko Hanzawa
 Graduate School of Biomedical Engineering, Tohoku University
- **16:20~16:30 Closing address** by Dr. Makoto YOSHIZAWA, Specially Appointed Professor, Tohoku University

Registration deadline: December 6 (Tue), 2022 / 参加申し込み 12/6(火)締切

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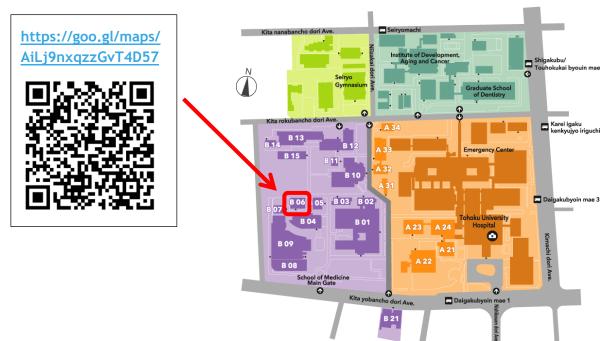
*We will stop accepting applications when the number of applicants reaches the quota / 定員に達し次第、締切りいたします。

*Zoom link will be sent for online participation / 遠隔参加申し込みの方には、後日参加 URL をお知らせいたします。



For further information, please contact us at /お問い合わせ conf@rii.med.tohoku.ac.jp

Onsite: Tohoku University School of Medicine, Education and Research Base Support Building (B06) 2nd Seminar Room



会場:東北大学医学研究科 教育研究基盤支援棟 (B06) 2 階セミナー室 2

Sponsor: Human Welfare Engineering Division, Smart Aging Research Center, Tohoku University

Co-sponsors: SICE Tohoku Chapter

Al Applied Medicine Division, ART, Tohoku University Graduate School of Medicine Systems Control Sub-Group, Study Groups on Electrical Communication, Tohoku University