

关于参加香港理工大学主办的“智能可穿戴系统国际会议” (ICIWS2022)的通知

各学院（部）：

香港理工大学将于 2022 年 6 月 27 日至 29 日举办“智能可穿戴系统国际会议”：ICIWS2022。会议主要内容包括柔性材料、传感器、能源设备、可穿戴电子系统相关的基础研究及应用。智能可穿戴系统作为一个新兴的交叉学科，近年来的研究还处于起步阶段，并在多个方面不断受到挑战，例如多功能性，信号质量和可靠性、友好性、用户成本、制造系统的生物相容性及其应用。这些科学和技术问题对各类人群变得越来越重要。ICIWS 作为国际会议，让各界科学家及工程人员聚集在一起，分享并介绍该技术开发领域的最新发展。请服装设计学院、服装工程学院、大数据学院及其他感兴趣的部门通知本部门老师积极参会。参会部门要求参会教师截图，并做好表格统计工作。（截图附上会议标题和个人图像）

会议主题：智能可穿戴系统国际会议

会议时间：2022 年 6 月 27 至 6 月 29 日

会议举办方：香港理工大学

参会方式：线上会议，提前注册（参会通道会前通知）

注册方式：扫描会议安排中二维码注册（free registration）

附件 1：智能可穿戴系统会议（ICIWS 2022）安排

国际交流与合作处

2022 年 6 月 20 日

附件:

THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大学

PolyU Academy for
Interdisciplinary Research
香港理工大学交叉研究中心

WEAR RESEARCH INSTITUTE FOR
INTELLIGENT WEARABLE SYSTEMS
智能穿戴系统研究中心

ICIWS 2022

International Conference on Intelligent Wearable Systems

Jun 27-29, 2022
Venue: M1603, POLYU
& online via Zoom

Free Registration

website: www.polyu.edu.hk/riiwear/
For more information: <https://polyu.hk/jTHWu>

For More Information

Conference Programme

Conference chairs: Prof. Xiaoming TAO, Prof. Feng YAN, Prof. Zijian ZHENG

Day 1: Jun 27, 2022	
Time	Event
9:00-9:15	Open Speech Prof. Christopher CHAO Vice President (Research and Innovation) of PolyU Prof. Qingyan CHEN Director of PolyU Academy for Interdisciplinary Research
Session	MATERIALS, DEVICES AND PROCESSING (I)
9:20-10:00	Advanced Ferroelectric Polymers for Wearables Prof. Qiming ZHANG
10:00-10:30	High-Temperature Organic Electronics Dr Jianguo MEI
10:30-10:40	Break
10:40-11:20	Skin-Inspired Organic Electronics Prof. Zhenan BAO
11:20-11:50	Skin-Interfaced Wearable Biosensors Dr Wei GAO
11:50-12:20	Periodic Curved Fiber Materials for Smart Materials-Artificial Muscles, Artificial Spider Silk, Flexible Electronics, and Twistocaloric Cooling Prof. Zunfeng LIU
12:20-15:00	Lunch
Session	MATERIALS, DEVICES AND PROCESSING (II)
15:00-15:40	Artificial Sense Technology Prof. Xiaodong CHEN
15:40-16:10	Intelligent Optoelectronic and Chemical Sensor Devices Based on Three-dimensional Nanostructures Prof. Zhiyong FAN
16:10-16:20	Break
16:20-16:50	Thermally Drawn Advanced Functional Fibers for Wearable Electronics Dr Lei WEI
16:50-17:20	Sensing Technologies for Cerebral and Cardiovascular Monitoring Prof. Ni ZHAO
17:20-18:00	Conducting Polymer Devices for Wearables Prof. George MALLIARAS
Day 2: Jun 28, 2022	
Time	Event
Session	SENSORS, ACTUATORS AND BIOELECTRONICS (I)
9:00-9:40	Soft, Wireless Skin-Interfaced Devices for Health Monitoring and Haptic Interactions Prof. John A ROGERS
9:40-10:10	Photonic Crystal Membrane Cavities for Optical Sensing and Gas Analysis Systems Prof. Weidong ZHOU
10:10-10:20	Break
10:20-11:00	Electronic Skins for The Next-generation Wearables Prof. Takao SOMEYA
11:00-11:30	3D Curvy Electronics Based on Conformal Additive Stamp (CAS) Printing Dr Cui YU
11:30-12:00	Optoelectronic Memories for Retina-inspired Machine Vision Dr Yang CHAI
12:00-15:00	Lunch
Session	ENERGY HARVESTING AND STORAGE (I)
15:00-15:40	Triboelectric Nanogenerators as Power Sources and Sensors for Flexible and Wearable Electronics

