FairComp 2024 (Co-Located with UbiComp/ISWC)

Basic Information

Location
East Tower 2, Sofitel Melbourne on Collins

Time
9.00 am – 12.00 pm

Zoom Link
https://ethz.zoom.us/j/68562296615?pwd=2WNxmql5ZwYoqQSyeiCaXabbrlezsS.1
Meeting ID: 685 6229 6615
Passcode: 236528

Agenda

9.00 am - 9.10 am
Opening

9.10 am – 9.55 am
Keynote (30 Minutes Talk + 15 Minutes QnA)
Prof. Daniel Gatica-Perez (Idiap & EPFL, Switzerland)

9.55 am - 10.30 am
2 Workshop Papers and Invited Talk (10 Minutes Talk + 2 Minutes QnA)

- **9.55 am - 10.07 am**
  Domain Adaptation in Human Activity Recognition through Self-Training
  Moh'd Khier Al Kfari and Stefan Lüdtke (Universität Rostock, Germany)

- **10.08 am - 10.19 am**
  Earable and Wrist-worn Setup for Accurate Step Counting Utilizing Body-Area Electrostatic Sensing
  Sizhen Bian, Rakita Strahinja, Philipp Schilk, Clénin Marc-André, Silvano Cortesi, Kanika Dheman, Elio Reinschmidt and Michele Magno (ETH Zurich, Switzerland)

- **10.20 am - 10.30 am**
  MIRROR: Towards Generalizable On-Device Video Virtual Try-On for Mobile Shopping [IMWUT, Video Presentation]
  Dong-Sig Kang, Eunsu Baek, Sungwook Son, Youngki Lee, Taesik Gong, Hyung-Sin Kim (Seoul National University, South Korea; Nokia Bell Labs, Cambridge)

10.30 am - 11.00 am
Coffee Break

11.00 am - 11.48 am
4 Invited Talks (10 Minutes Talk + 2 Minutes QnA)

- **11.00 am - 11.12 am**
  CrossHAR: Generalizing Cross-dataset Human Activity Recognition via Hierarchical Self-Supervised Pretraining [IMWUT]
  Zhiqing Hong, Zelong Li, Shuxin Zhong, Wenjun Lyu, Haotian Wang, Yi Ding, Tian He, Desheng Zhang (JD Logistics, China; UT Dallas, USA; Rutgers, USA)

- **11.13 am - 11.24 am**
  GlucOS: Security, correctness, and simplicity for automated insulin delivery [PrePrint]
  Hari Venugopalan, Shreyas Madhav Ambattur Vijayanand, Caleb Stanford, Stephanie Crossen, Samuel T. King (UC Davis, USA)

- **11.25 am - 11.36 am**
  Optimization-Free Test-Time Adaptation for Cross-Person Activity Recognition [IMWUT]
  Shuoyuan Wang, Jindong Wang, Huajun Xi, Bob Zhang, Lei Zhang, Hongxin Wei (University of Macau, China; Microsoft Research Asia, China; Southern University of Science and Technology, China; Nanjing Normal University, China)

- **11.37 am - 11.48 am**
  SIDA: Self-Supervised Imbalanced Domain Adaptation for Sound Enhancement and Cross-Domain WiFi Sensing [IMWUT]
  Jin Zhang, Yuyan Dai, Jie Chen, Chengwen Luo, Bo Wei, Victor C. M. Leung, Jianqiang Li (Shenzen University, China; New Castle University, UK)

11.48 am – 12.00 pm
Closing