****

**AI科学前沿系列学术讲座**

**报告题目：**Unsupervised Cross-dataset Transfer Learning for Person Re-Identification

**报告人：**彭佩玺（中国科学院自动化研究所）

**报告摘要：**The problem of Person Re-identification (ReID) is to associate pedestrians captured from multiple non-overlapping cameras. It has many important applications in video surveillance such as person search or cross-camera tracking. Most existing person ReID approaches follow a supervised learning framework， in which a large number of labelled matching pairs are required for training. This severely limits their scalability in real-world applications. To overcome this limitation， we introduce a novel unsupervised cross-dataset transfer learning method to person ReID， which aims to transfer discriminative representations from the labeled source dataset collected from elsewhere to the unlabeled target dataset. The experimental results on several benchmarks demonstrate the proposed method can achieve state-of-the-art performances.

**报告人简介：**Peixi Peng received the B.S. degree of Mathematics and Applied Mathematics from Xi’an Jiaotong University in 2010. He received the ph.D. degree of Computer Applied Technology from National Engineering Laboratory for Video Technology of Peking University in 2017. At present， he is an assistant researcher in the Institute of Automation of the Chinese Academy of Sciences. His research interests include the machine learning and computer vision. As the first author， he has published more than 5 papers in the top international conferences and journals. Also， he was ranked as one of the best performers in NIST TRECVID SED tasks and IEEE PETS.

**时间：**2019年4月11-12日8:30--17:30

**地点：**中教一、二层报告厅，7号楼报告厅，研究生院101报告厅

**主办**：研究生院

**承办**：图书馆

2019年 4月 7日