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## 个人信息

姓名: 胡建芳	性别: 男	学历: 博士	毕业学校: 中山大学
专业: 应用数学	民族: 汉	籍贯: 江西省上饶市	出生年月: 1987年9月

## 工作教育经历

中山大学, 特聘副研究员	2017年1月-至今
中山大学, 理学博士	2010年9月-2016年12月
新加坡南洋理工大学, 国家公派访问学生	2015年9月-2016年9月
中山大学, 数学与应用数学专业	2006年9月-2010年6月

## 研究兴趣

- 视频行为分析 (包括行为识别、行为预测、行为检测等)
- 视频分割 (行人分割、目标分割、行为分割等)

## 一作论文列表

- **Jian-Fang Hu**, Wei-Shi Zheng, Liangyang Ma, Gang Wang, Jianhuang Lai, and Jianguo Zhang, “Early Action Prediction by Soft Regression”, *IEEE Transaction on Pattern Analysis and Machine Intelligence*. Accepted.
- **Jian-Fang Hu**, Wei-Shi Zheng, Jianhuang Lai, and Jianguo Zhang, “Jointly Learning Heterogeneous Features for RGB-D Activity Recognition”, *IEEE Transaction on Pattern Analysis and Machine Intelligence*, 39 (11): 2186-2200 (2017).
- **Jian-Fang Hu**, Wei-Shi Zheng, Xiaohua Xie, and Jianhuang Lai, “Sparse Transfer for Facial Shape-from-Shading”, *Pattern Recognition (PR)*, 68(8): 272-285 (2017).
- **Jian-Fang Hu**, Wei-Shi Zheng, Jianhuang Lai, Shaogang Gong, and Tao Xiang, “Exemplar-based Recognition of Human-Object Interactions”, *IEEE Trans. Circuits Syst. Video Techn. (TCSVT)*, 26(4): 647-660 (2016).
- **Jian-Fang Hu**, Wei-Shi Zheng, Jiahui Pan, Jianhuang Lai, Jianguo Zhang. “Deep bilinear: Learning Modality-temporal Features for RGB-D Action Recognition”, *European Conference on Computer Vision (ECCV)*, 2018.
- **Jian-Fang Hu**, Wei-Shi Zheng, Liangyang Ma, Gang Wang, and Jianhuang Lai, “Real-time RGB-D Activity Prediction by Soft Regression”, *European Conference on Computer Vision (ECCV)*, 280-296 (2016).
- **Jian-Fang Hu**, Wei-Shi Zheng, Jianhuang Lai, and Jianguo Zhang, “Jointly Learning Heterogeneous Features for RGB-D Activity Recognition”, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 5344-5352 (2015).
- **Jian-Fang Hu**, Wei-Shi Zheng, Jianhuang Lai, Shaogang Gong, and Tao Xiang, “Recognising Human-Object Interaction via Exemplar based Modelling”, *International Conference on Computer Vision (ICCV)*, 3144-3151 (2013).
- **Jian-Fang Hu**, Guocan Feng, Jianhuang Lai, and Wei-Shi Zheng, “Asymmetric Facial Shape based on Some Symmetry Assumptions”, *Chinese Conference on Biometric Recognition (CCBR)*, 2011.

## 通讯作者论文列表

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- Jiafeng Xie, Bing Shuai, **Jian-Fang Hu**, Jingyang Lin, and Wei-Shi Zheng, "Improving Fast Segmentation with Teacher-student Learning", British Machine Vision Conference (BMVC), 2018.
- Haisheng Zhu, **Jian-Fang Hu**, and Wei-Shi Zheng, "Learning Hierarchical Context for Action Recognition in Still Images", Pacific Rim Conference on Multimedia (PCM), 2018.

## 合作论文列表

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- Shaofan Lai, Wei-Shi Zheng, **Jian-Fang Hu**, and Jianguo Zhang, "Global-Local Temporal Saliency Action Prediction", *IEEE Trans. on Image Processing (TIP)*, 2017. (Accept).
- Jiachi He, **Jian-Fang Hu**, Xi Lu, Wei-Shi Zheng, "Multi-Task Mid-Level Feature Learning for Micro-Expression Recognition", *Pattern Recognition (PR)*, 66(6), 44-52 (2017).
- Benchao Li, Wanhua Li, Yongyi Tang, **Jian-Fang Hu** and Wei-Shi Zheng, "GL-PAM RGB-D Gesture Recognition", IEEE International Conference on Image Processing (ICIP), 2018.
- Yongyi Tang, Peizhen Zhang, **Jian-Fang Hu**, and Wei-Shi Zheng, "Latent Embeddings for Collective Activity Recognition", *he IEEE International Conference on Advanced Video and Signal-Based Surveillance*, (2017).
- Zhaoze Zhou, Wei-Shi Zheng, **Jian-Fang Hu**, Yong Xu, Jane You, "One-pass Online Learning: A Local Approach", *Pattern Recognition (PR)*. 51: 346-357 (2016).
- Xi Lu, Xiaobin Chang, Xiaohua Xie, **Jian-Fang Hu**, and Wei-Shi Zheng, "Facial Skin Beautification Via Sparse Representation Over Learned Layer Dictionary", *International Joint Conference on Neural Networks (IJCNN)*.

## 荣誉与奖励

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- 中国图象图形学学会优秀博士学位论文 2017年
- 微软亚洲研究院 (MSRA) 青年学者铸星计划 2017年
- 国际计算机视觉会议CVPR大规模行为识别比赛第一名 2018年
- 国际计算机视觉会议ICCV-ChaLearn大规模手势比赛第二名 2017年
- 国家励志奖学金 2009年10月
- 中山大学年度优秀学生奖学金一等奖 (排名前5%) 2009年9月

## 项目经历

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- 国家自然科学基金青年科学基金项目, 61702567, 基于多模态时间序列异质特征学习的行为前期预测研究, 2018/01 -2020/12, 负责人
- 中山大学青年教师培育项目, 复杂开放环境下的行为分析研究, 2018/01 -2020/12, 负责人
- 国家重点研发计划项目, 多模态自然交互的虚实融合开放式实验教学环境 (课题三: 探究式学习模型与交互行为分析), 2018YFB1004903, 2018/05-2021/4, 课题骨干