Name, affiliation, contact info, photo, some general interest info.

- Name: Thomas Plagemann

- Affiliation: University of Oslo

- Contact info: plageman@ifi.uio.no

- General interest:

  – Multimedia systems and applications

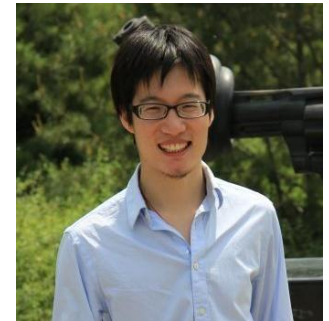 – CPS computing

Current research focus

- Currently we are working on two aspects
  - Cyber Physical Systems
    - Distributed complex event processing in mobile networks
    - Quality of Information & energy awareness
    - Using impulse radar for non intrusive sensing in AAL
  - Mobile multimedia applications
    - Migrate parts of multimedia applications dynamically to the best suited device in a community
    - Simulation of mobile systems
    - Network level redundancy elemination

Interest in the proposed theme of the workshop

- We would like to discuss and explore CPS data sensing, processing, and tools for developing CPSs

Name, affiliation, contact info, photo, some general interest info.

- Name: Wenwu Zhu, Peng Cui
- Affiliation: Tsinghua University
- Contact info: wwzhu@tsinghua.edu.cn

  cuip@tsinghua.edu.cn
- General interest:
  - Social multimedia computing
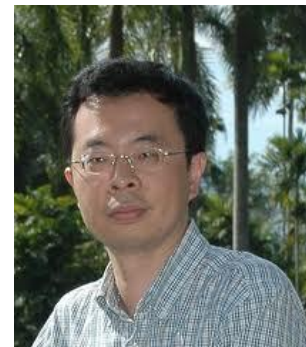 - CPS computing

Current research focus

- Currently we are working on two aspects
  - Social-sensed multimedia computing

    How to use social information, such as user behavior, user interests, user relations, user profile, to help with multimedia computing to reduce the intention gap

  - CPS data sensing and analytics

    How to collect and analyze data

Interest in the proposed theme of the workshop

- We would like to discuss and explore CPS data sensing, analytics, and decision

Name, affiliation, contact info, photo, some general interest info.

- Name: Changsheng Xu, Jitao Sang

- Affiliation: CASIA

- Contact info: csxu@nlpr.ia.ac.cn

    jtsang@nlpr.ia.ac.cn

- General interest:
    – Multimedia content analysis/indexing/retrieval
    – Social multimedia computing

Current research focus

- Currently we are working on three aspects

    – Computer Vision and Multimedia Content Analysis

    – User-centric Social Multimedia Computing

    – Multimedia Applications

Interest in the proposed theme of the workshop

- Research
  - Cyber-Physical complex association mining and modeling
  - Cyber-Physical interaction and sensing
- Application
  - Collaborative social community analysis
  - Collaborative social event analysis

Fei Wu
Full Professor, Ph.D.
College of Computer Science
Zhejiang University
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Website: http://www.dcd.zju.edu.cn/index.php/teacherdetail/index/id/0002353

Fei Wu is the vice-director of institute of artificial intelligence of Zhejiang University and the vice-director of Key Laboratory of Visual Perception (Zhejiang University) , Ministry of Education and Microsoft. He serves as the PC member of ACM Multimedia 2012, 2013. His research interests mainly include multimedia retrieval, sparse representation and machine learning. From October, 2009 to August 2010, Fei Wu was a visiting scholar at Prof. Bin Yu's group, University of California, Berkeley.

Nowadays, many real-world applications in CPS (Cyber space-Physical space-Society) involve multimodal data.

Cross-media retrieval is imperative to many applications of practical interest, such as finding relevant textual documents of a tourist spot that best match a given image of the spot or finding a set of images that visually best illustrate a given text description. However, the heterogeneity-gap between multi-modal data has been widely understood as a fundamental barrier to successful cross-media retrieval.

In this workshop, I will discuss some techniques about cross-media retrieval, hashing and ranking.

UCIRVINE
Donald Bren School of Information and Computer Sciences

Siripen Pongpaichet

PhD Candidate,
Academic Advisor Prof. Ramesh Jain

Contact:
  spongpai@uci.edu

Interest:
  complex event stream processing,
  multimedia information system,
  large scale data management,
  having fun doing research ☺

Current Research

- Toward **Social Life Network** from multimedia data stream using event stream processing platform called "EventShop"

- Building **Health Persona** from personal data stream using "Personal EventShop"

Proposed Theme

- Macro situation detection and micro (personal) situation detection aspect in CPS computing including data analytics and visualization

- Healthcare related application

Self Introduction

Weizhe Ni (倪炜哲)

Education

Master, UCI, Computer Science

Bachelor, Tsinghua, Engineering Physics

Contacts

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Cell: +1(949)-394-2953

Research Focus

- Front-end Development
- Multimedia Applications
- Visual Computing
- Data Mining

Interested Aspects

- Novel Cross-disciplinary Social Network Applications

- Event Aggregator

- Image Sharing Applications

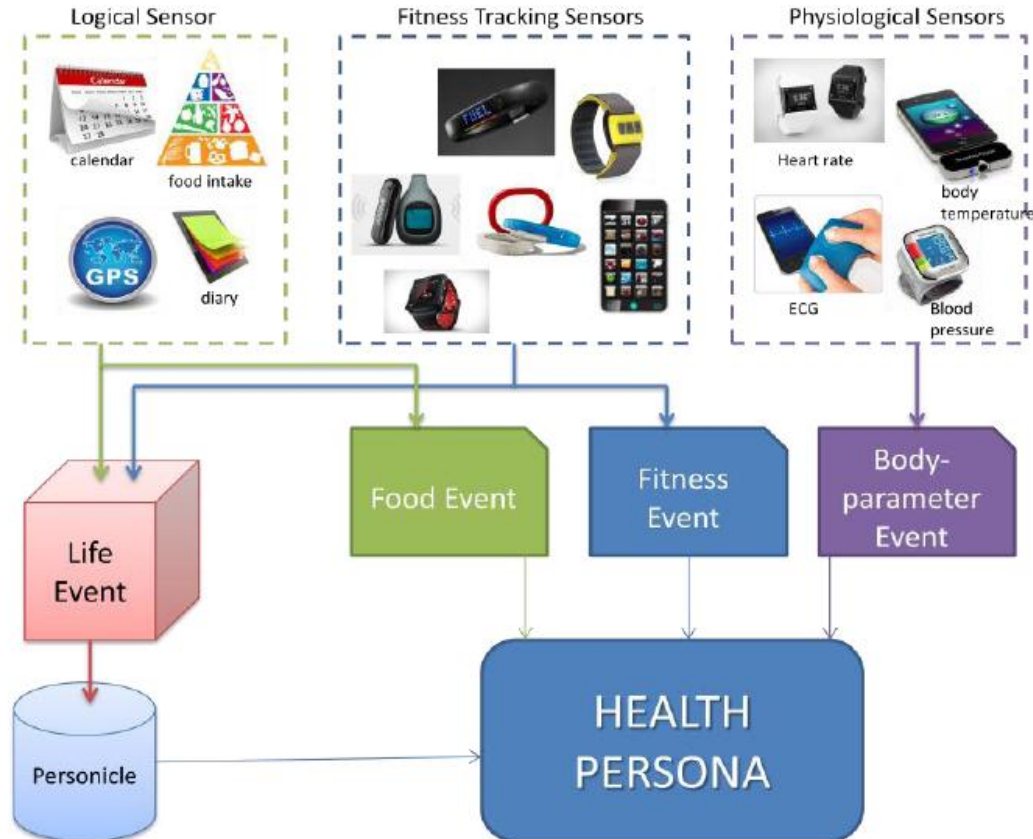- Healthcare/ Sports Sharing Multimedia Systems (NikePlus)

Name, affiliation, contact info, photo, some general interest info.

- Name: Eric Huo

- Affiliation: UCI

- Contact info: huod@uci.edu

- General interest:
  - Social Life Networks
  - Social multimedia computing

Current research focus

- Currently I am working on building the Health Persona framework for Social Life Networks

Interest in the proposed theme of the workshop

- I would like to discuss the CPS data sensing and cross-disciplinary application, e. g. healthcare application.