Na Li

CONTACT   na.li1@siat.ac.cn

INFORMATION   Shenzhen Institute of Advanced Technology (SIAT)
Chinese Academy of Sciences (CAS)
11th Floor, F Building, 1068 Xueyuan Boulevard, University Town of Shenzhen, Xili Nanshan, Shenzhen 518055, China

EDUCATION

Chinese Academy of Sciences(CAS), Beijing, China   Sep 2009 – Jun 2014
Institute of Automation(IA)
- Ph.D. in Computer Application Technology

Hunan University, Hunan, China   Sep 2005 – Jun 2009
College of Computer Science and Electronic Engineering
- B.E. in Computer Science and Technology

RESEARCH INTEREST

Dynamic programming, reinforcement learning, deep learning, real-time computing, video signal processing, video event detection, crowd behavior analysis and related fields.

RESEARCH EXPERIENCE

Chinese Academy of Sciences, Shenzhen, China   Sep 2016 – present
Shenzhen Institute of Advanced Technology
Research Center of High Performance Computing Department
- Research Assistant

Chinese Academy of Sciences, Shenzhen, China   Sep 2014 – Sep 2016
Shenzhen Institute of Advanced Technology
Research Center of High Performance Computing Department
- Postdoctoral Fellow
- Project: Intelligent video analysis and processing
- Supervisors: Prof. Shengzhong Feng

THESIS

Na Li " Real-time Sensor Data Stream Processing with Event-graph" Ph.D. Thesis . 2010

COMPETITION

1. 2016 Large-scale Scene Understanding Challenge(LSUN) organized by Princeton University. (The 3rd place)

2. 2010 JoinHope Image Cup sponsored by Beijing JoinHope Image Image Technology Ltd. (The 1st Place)

JOURNEL PAPERS

1. Na Li, Yun Zhang, Wenhan Luo, Ning Guo, "Instant Coherent Group Motion Filtering by Group Motion Representations," in *Neurocomputing*, accepted, Jun 2017.

CONFERENCE PAPERS

1. Na Li, Qiang Guan, "Deadline-aware Event Scheduling for Complex Event Processing Systems," in *Proceedings of the 14th International Conference on Intelligent Data Engineering and Automated Learning*,Hefei, China, Oct 2013.

2. Na Li and Qiang Guan, Yiping Yang, "Efficient Composite Processing over Complicated Event Graph," in *Proceedings of the International Conference on Computer Science and Artificial Intelligence (ICCSAI),* Chengdu, China, Nov 2013.

3. Na Li and Wancheng Ni, Hong Cheng, Jie Tan "A Systematic RFID Application Platform with Integration Capability for Tour and Exhibition," in *IEEE International Conference on RFID-Technology and Applications (IEEE RFID-TA),* Chengdu, China, Sep 2011.

4. Na Li and Jie Tan, Zhiyuan Zhu "Monitor and Control System with RFID Technology in Discrete Manufacturing Line," in *IEEE International Conference on RFID-Technology and Applications (IEEE RFID-TA)*, Chengdu, China, Jun 2010.

PATENTS	1. <u>Na Li</u> and Qiang Guan, Hongsheng Zhao "An Approach to Complex Event Detection Management in Real-time Sensing Scenes," *CN Patent no. ZL201210060210.0*, Mar 2012.

PATENTS

1. <u>Na Li</u> and Qiang Guan, Hongsheng Zhao "An Approach to Complex Event Detection Management in Real-time Sensing Scenes," *CN Patent no. ZL201210060210.0*, Mar 2012.

2. Jie Tan, <u>Na Li</u> "An Approach to Complex Event Processing and Deployment," *CN Patent no. ZL201210018025.5*, Jan 2012.

3. Jie Tan, <u>Na Li</u>, Qiang Guan, Hongsheng Zhao "An Approach to Complex Event Processing and Deployment," *CN Patent no. ZL201210059187.3*, Mar 2012.

4. Jie Tan, <u>Na Li</u>, Qiang Guan, Hongsheng Zhao "An Approach to Complex Event Response Management in Real-time Sensing Scenes," *CN Patent no. ZL201210058811.3*, Oct 2011.

5. Jie Tan, <u>Na Li</u>, Qiang Guan, Hongsheng Zhao "An Approach to Coherent Text Edition," *CN Patent no. ZL201110076557.X*, Mar 2011.

6. Jie Tan, <u>Na Li</u>, Zhiyuan Zhu, Yongyan Wang "An Approach to Real-time RFID Data Stream Collection," *CN Patent no. ZL201010592878.0*, Dec 2011.

7. Jie Tan, <u>Na Li</u>, Zhiyuan Zhu, Yongyan Wang "An Approach to Basic Event Filtering for RFID Dynamic Information Management," *CN Patent no. ZL201010592880.8*, Dec 2011.

HONORS & AWARDS

1. Excellent Graduate in Chinese Academy of Sciences — 2014

2. Second Prize in Chinese Academy of Sciences of Pandeng Scholarship(20%) — 2013

3. Excellent Student of Graduate University of Chinese Academy of Sciences(15%) — 2012

4. Excellent Student of Graduate University of Chinese Academy of Sciences(15%) — 2011

5. First Prize in Beijing of JoinHope Image Cup sponsored by Beijing JoinHope Image Image Technology Ltd. — 2010

6. Excellent Student of Graduate University of Chinese Academy of Sciences(15%) — 2010

7. Excellent Graduate in Hunan University — 2009

8. Privilege to enter the graduate program of Chinese Academy of Sciences, waived of the usually mandatory admission test — 2008

OTHER EXPERIENCE

Internship in SAP China Lab

Research assistant in High Performance Department in SAP China Lab   Sep 2013– Nov 2013

● Lead the team to design and develop an intelligent reporter DEMO on the scene Police Car Chasing Suspect required by Los Angeles Police Department (LAPD) which can not only inform audiences on live, but also forecast suspects movements.

SOCIAL ACTIVITIES

1. Nagoya Women's Marathon (42.195km) — 2017

2. Open Ultra Marathon(24/12/6H) in Hong Kong — 2015

3. Xiamen International Marathon (42.195km) — 2015

4. Beijing International Marathon (21.0975km) — 2010

5. Beijing International Marathon (5km) — 2009

COMPUTER SKILLS

Proficient in C/C++ and Matlab,

Experiences with LaTex,

Proficient in MS Windows,

Technical Linux, Python, Java and some software engineering.

INTERESTS

Iyengar yoga, running, swimming.