



Joint AI Conferences

ICCSE 2017/ICAA 2017/IEEE ICA 2017

- The 2nd International Conference on Crowd Science and Engineering – Smart and Crowd: Building Cities of Wisdom
<http://iccse2017.crowdscience.org/>
- The 2nd IEEE International Conference on Agents
<http://www.itolab.nitech.ac.jp/ICA2017/>
- The 5th International Conference on Ageless Aging
<http://icaa2017.crowdscience.org/>
- ❖ **12 keynotes by renowned international experts on AI, AI + Crowd and AI + Health and Aging**
- ❖ **16 technical sessions by ICCSE 2017/ICAA 2017/IEEE ICA 2017**
- ❖ **Conference Time: 6 - 8 July, 2017**
- ❖ **Registration Venue and Time: Central Main Building (CMB), Tsinghua University, China, 6 - 8 July, 2017 Morning 8:30AM**
- ❖ **Registration Fee: USD 150** (one registration covers all keynotes and technical sessions of three conferences, including buffet lunches)

Co-organized by:



Call for Participants

Recent years have witnessed impressive advancements in artificial intelligence (AI) which are showing profound potential to change our life. The confluence of developments in the field of AI, crowd science and ageless aging research has prompted three international conferences to come together in Tsinghua this summer to hold the joint 2017 ICA-ICAA-ICCSE international conference.

To provide researchers and industry practitioners with a unique perspective on how AI combined with human intelligence can be used to address the global population aging challenge, we have organized an impressive array of 12 keynote speeches to be delivered by 12 world leading scientists in their respective fields.

On behalf of the organizing committee, it is our great pleasure to invite you to the three joint AI conferences which will be held in the magnificent city of Beijing, China, 6-9 July 2017.

Keynotes for ICAA 2017 (AI + Aging and Health)



Prof Martin McKeown, Director of the Pacific Parkinson's Research Centre in Canada. With years of clinical experience and well-versed in information technologies, Prof McKeown will share with the audience **how Parkinson's disease research and treatment can benefit from innovative smart technologies.**



Prof Chin Jing Jih is Deputy Chairman, Medical Board and Senior Consultant Geriatrician at Tan Tock Seng Hospital, Singapore, where he is also Chairman of the Division of Integrated and Community Care, the director of the hospital's Institute of Geriatrics and Active Ageing. He is also Assistant Dean for Integrated Care and Lead for Ethics and Professionalism at the Lee Kong Chian School of Medicine. He will share with the audience **holistic care for senior citizens.**



Prof Chen Yiqiang, Director of the Ubiquitous Computing System research center, Institute of Computing Technology (ICT), The Chinese Academy of Sciences will give the audience **an insider look into how wearable and ubiquitous computing devices can shed light on people's cognitive wellbeing and facilitate predictive care.**



Prof Guan Cuntai, Professor of the School of Computer Science and Engineering, Nanyang Technological University (NTU), Singapore, and Co-Director of Rehabilitation Research Institute of Singapore will share with the audience his experience in **brain-computer interface research for rehabilitation applications.**

Keynotes for ICCSE 2017 (AI + Crowd)



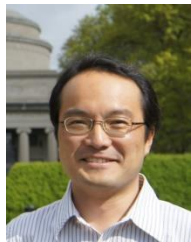
Prof Li Xiaoming, Vice Provost of Peking University; Director of Network Computing & Information Systems; and Co-Director of Joint Research Institute in Science and Engineering by PKU and UCLA. As a pioneer in Chinese search engine research and known as “Mr MOOC” of China, Prof Li will provide the audience with **a unique expose on learning technologies that can facilitate life-long learning.**



Prof Calton Pu, Professor and John P. Imlay, Jr. Chair in Software College of Computing, Georgia Institute of Technology, USA, and Co-Director of the Center for Experimental Research in Computer Systems in Georgia Tech will introduce to the audience **the latest trends in cloud computing.**



Prof Miao Yuan, Professor and Discipline Leader, College of Engineering & Science, Victoria University, Australia, will take the audience through an **exciting lecture on how cognitive modeling techniques can combine the best of human knowledge with artificial intelligence.**



Prof Takayuki Ito, Professor and Head of the Department of Techno-Business Administration, Nagoya Institute of Technology, Japan, an expert in multi-agent systems research will share with the audience on **how AI can provide decision support.**

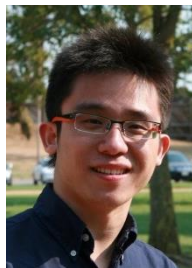
Keynotes for IEEE ICA 2017 (Intelligent Agents)



Prof Matthew Taylor, Allred Distinguished Professor in Artificial Intelligence, School of Electrical Engineering and Computer Science, Washington State University, USA. As a rising star in the field of AI, Dr Taylor will guide the audience through **the cutting edge of reinforcement learning technique and how human input can be leveraged to improve it further.**



Prof Yu Yang, Associate Professor, LAMDA Group, Department of Computer Science, National Key Laboratory for Novel Software Technology, Nanjing University, China. To bring additional depth into the finer aspects of mathematical techniques for AI, Dr Yu will share with the audience **how to perform optimization relying on complex derivative techniques towards more possibilities of learning.**



Prof Tang Pingzhong, Assistant Professor and National-Youth-1000 of Tsinghua University; Head of the Computational Economics Group. Dr Tang will bring the audience **through large-scale mechanism design for complex resource allocation which is one of the most challenging areas under AI.**



Prof Takeshi Nagae, Associate professor, Tohoku University, Japan will share with the audience **how the multi-agent mechanism design techniques can be used to make our modern urban transport networks better.**

With this exciting range of keynotes delivered by leading international experts, we are sure our conference attendees will benefit from the new perspectives and fresh ideas. Come and join us in Tsinghua, Beijing, China during July 6-9, 2017 and be part of the next wave of exciting AI breakthroughs and its emerging applications!

Pre-registration Form

Please fill in the following pre-registration form and send it to:
admin@crowdscience.org

Name	Institution	Email	Country

* One registration covers full access of all three conferences

We will contact you soon after we receive the completed form.



See you on beautiful Tsinghua campus!