

MOBIMEDIA 2015

8th International Conference on Mobile Multimedia Communications



Mirror Lake Hotel (镜湖宾馆)

Southwest Jiaotong University

Chengdu, People's Republic of China

25 - 27 May 2015

TECHNICAL PROGRAMME

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Digital Communications and Networks



WELCOME MESSAGE

I am pleased to welcome you to the Mobimedia 2015 in the wonderful city of Chengdu, China! Chengdu is the fourth most populous city in mainland China and offers the best of everything: colorful festivals, architectural wonders, historic monuments and so on.

Over the years, Mobimedia has evolved to become the leading international conference dedicated to applications and system of Mobile Multimedia Communications. It has accompanied the worldwide evolution of mobile networks, ubiquitous computing and multimedia communications, and has helped to establish an international community of Mobile multimedia engineers and scientists.

Mobimedia 2015 provides an excellent forum for exchanging experiences, ideas, and research results on a wide variety of mobile multimedia communication topics, representing the latest mobile multimedia developments and future trends. Mobimedia 2015 will be a unique conference for all researchers involved in the field of multimedia communications.

Over the years, dramatic improvements have been made in the field of multimedia communications and applications. Especially, the wide deployment of mobile phones and wireless devices has significantly increase the application needs of multimedia communications. The conference is focused on five important areas (1) Application and multimedia/channel coding paradigms; (2) Networking and transmission mechanisms; (3) Multimedia services, business models and concepts; (4) Next generation communications and networking Technologies; (5) Video transmission mechanism over wireless networks,

The event is endorsed by the [European Alliance for Innovation](#), a leading community-based organization devoted to the advancement of innovation in the field of ICT. With more than 50 experts, representing multiple countries from all over the world, coming together at such a conference, we can once again expect to achieve excellent results. We will have 10 sessions during 2 days of conference. Mobimedia 2015 would not be possible without the hard work of many volunteers. As general chairs of Mobimedia 2015, **I, Min Chen and Xiao Wu** would like to take this opportunity to thank the executive committee members:

Technical Program Chairs: Yonggang Wen, Liang Zhou, Sherali Zeadally, Wei Wang, Shaoen Wu, Changqiao Xu. Workshops/Tutorials Chairs: Kun Hua, Dalei Wu, Qing Yang, Local Chairs: Huanlai Xing, Hui Yang, Publication Chair: Jianjun Yang, Publicity Chair: Tigang Jiang, Web Chairs: Jianjun Yang.

I am looking forward to meeting you during Mobimedia 2015 in Chengdu.

Best,

Mobimedia 2015 General Chairs:

Honggang Wang

Min Chen

Xiao Wu

KEYNOTE SPEAKERS

KEYNOTE 1: SHIWEN MAO



'Multi-user Video Streaming in Cognitive Radio Networks: When QoS Meets Spectrum'

ABSTRACT:

The Cisco Visual Network Index report predicts a drastic increase in mobile data and a dominant part of video related data in the near future. Such dramatic increase in wireless video traffic, coupled with the depleting spectrum resource, poses great challenges to today's wireless networks.

It is of great importance to improve the wireless network capacity by promoting more efficient use of spectrum. This goal can be accomplished by the cognitive radio (CR) technology, which is an evolutionary technology for more efficient and flexible access to the radio spectrum.

CR represents a new paradigm of wireless communications and networking by efficiently sharing spectrum between licensed users and secondary users. In this talk, we investigate the problem of exploiting the enhanced spectrum efficiency to enable high quality multi-user video streaming in CR networks.

We will examine multi-user video multicast in a cellular CR network, multi-user video streaming over two-tier femtocell network, as well as over a multi-hop infrastructureless CR network. We will also introduce our recent work on a principle of decomposition, which can decompose the complex CR multi-user video streaming problem into tractable sub-problems while still achieving optimal solutions. We will conclude this talk with a discussion of open problems.

BIO:

Dr. Shiwen Mao

McWane Associate Professor, Auburn University

smao@ieee.org

Shiwen Mao (S'99-M'04-SM'09) received Ph.D. in electrical and computer engineering from Polytechnic University, Brooklyn, NY, USA (now NYU Polytechnic School of Engineering) in 2004. He was a research staff member with IBM China Research Lab from 1997 to 1998. He was a Postdoctoral Research Fellow/Research Scientist in the Bradley Department of Electrical and Computer Engineering at Virginia Tech, Blacksburg, VA, USA from 2003 to 2006. Currently, he is the McWane Associate Professor in the Department of Electrical and Computer Engineering, Auburn University, Auburn, AL, USA.

His research interests include wireless networks and multimedia communications, with current focus on cognitive radio, small cells, 60 GHz mmWave networks, Free Space Optical networks, and smart grid. He is on the Editorial Board of IEEE Transactions on Wireless Communications, IEEE Internet of Things Journal, IEEE Communications Surveys and Tutorials, Elsevier Ad Hoc Networks Journal, Elsevier Digital Communications and Networks Journal, Wiley International Journal of Communication Systems, and ICST Transactions on Mobile Communications and Applications. He is the Vice Chair—Letters & Member Communications of Multimedia Communications Technical Committee (MMTC), IEEE Communications Society for 2014—2016, and the Director of MMTC E-Letter for 2012—2014. He serves as Steering Committee Member for IEEE ICME and AdhocNets, Area TPC Chair of IEEE INFOCOM 2016 and Technical Program Vice Chair for Information Systems (EDAS) of IEEE INFOCOM 2015, symposium co-chairs for many conferences, including IEEE ICC, IEEE GLOBECOM, ICCCN, IEEE ICIT-SSST, among others, and in various roles in the organizing committees of many conferences.

Dr. Mao is a coauthor of TCP/IP Essentials: A Lab-Based Approach (Cambridge University Press, 2004), Big Data: State of the Art and Future Perspectives (Springer, 2014), and Video Streaming over Cognitive Radio Networks: When Compression Meets the Spectrum (Springer Science+Business Media, 2014), and co-editor of several books. He is a Distinguished Lecturer of the IEEE Vehicular Technology Society (VTS) in the Class of 2014. He is a co-recipient of The IEEE ICC 2013 Best Paper Award. He received the 2013 IEEE ComSoc MMTC Outstanding Leadership Award and was named the 2012 Exemplary Editor of IEEE Communications Surveys and Tutorials.

He was awarded the McWane Endowed Professorship in the Samuel Ginn College of Engineering for the Department of Electrical and Computer Engineering, Auburn University in August 2012. He received the US National Science Foundation Faculty Early Career Development Award (CAREER) in 2010. He is a co-recipient of The 2004 IEEE Communications Society Leonard G. Abraham Prize in the Field of Communications Systems, Runner-up for the 2013 Fabio Neri Best Paper Award, and The Best Paper Runner-up Award at QShine 2008. He also received Auburn Alumni Council Research Awards for Excellence-Junior Award and two Auburn Author Awards in 2011. Mao holds one US patent. He is a member of Tau Beta Pi and Eta Kappa Nu, and a senior member of the IEEE.

KEYNOTE 2: NIRWAN ANSARI



'Greening the Access Infrastructure for Multimedia Communications'

ABSTRACT:

Provisioning a myriad of emerging bandwidth-hungry multimedia communications and services is exacerbating bandwidth demand across networking infrastructure, notably the access portion, as well as revving up energy consumption in this humongous infrastructure, and thus fuelling continuous surge of carbon footprints.

Reducing carbon footprints is crucial in alleviating the direct impact of greenhouse gases on the earth environment and the climate change. In the future high capacity access networks, the wireline access part will be made up of fiber-to-the-home or hybrid fiber-to-the-node (FTTN), and the wireless part will be provisioned by various advanced technologies, such as advanced antenna techniques, heterogeneous networks with mixed high/low power base stations deployment, and cooperative communications. Greening such high capacity access networks is a great challenge of the coming decade.

To tackle the challenge, we advocate and introduce the "capacity-adaptive" feature into the envisioned network to help decrease the network energy consumption. While many applications at end users are bandwidth demanding, end users may not run these applications all the time. Thus, a significant amount of energy and resources have been wasted by provisioning the same high data rate to end users all the time.

Taking advantage of the bursty and dynamic nature of the access network traffic, we propose a capacity-adaptive green access network which reduces the network energy consumption by switching from the "high-capacity high-power" mode into the "low-capacity low-power" mode when the network is lightly loaded.

ACKNOWLEDGEMENT:

This work has been supported in part by the National Science Foundation under grant no. CNS-1218181.

BIO:

Prof. Nirwan Ansari
Distinguished Professor of Electrical and Computer Engineering
New Jersey Institute of Technology

Professor Nirwan Ansari received BSEE (summa cum laude with a perfect GPA) from the New Jersey Institute of Technology (NJIT), MSEE from the University of Michigan, Ann Arbor, and PhD from Purdue University, West Lafayette, IN. He is Distinguished Professor of Electrical and Computer Engineering at NJIT, where he joined in 1988. He has also assumed various administrative positions at NJIT including as NCE Associate Dean for Research and Graduate Studies. He has been Visiting (Chair) Professor at several universities including as High-level Visiting Scientist of 111 Base at Beijing University of Posts and Telecommunications.

Prof. Ansari authored Media Access Control and Resource Allocation (Springer, 2013) with J. Zhang and Computational Intelligence for Optimization (Springer, 1997) with E.S.H. Hou, and edited Neural Networks in Telecommunications (Springer, 1994) with B. Yuhas. He has also (co-)authored over 450 technical papers, over one third of which were published in widely cited refereed journals/magazines.

He has guest-edited a number of special issues, covering various emerging topics in communications and networking. His current research focuses on green communications and networking, cloud computing, and various aspects of broadband networks.

Prof. Ansari has served on the Editorial Board and Advisory Board of ten journals, including as a Senior Technical Editor of IEEE Communications Magazine (2006-2009). He was elected to serve in the IEEE Communications Society (ComSoc) Board of Governors as a member-at-large (2013-2015). He has chaired ComSoc technical committees, and has been actively organizing numerous IEEE International Conferences/Symposia/Workshops, assuming various leadership roles.

He frequently delivers keynote addresses, distinguished lectures, tutorials, and invited talks around the globe. Some of his recognitions include IEEE Fellow (Class of 2009), several Excellence in Teaching Awards, a couple of best paper awards, NCE Excellence in Research Award (2014), ComSoc AHSN TC Outstanding Service Recognition Award (2013), NJ Inventors Hall of Fame Inventor of the Year Award (2012), Thomas Alva Edison Patent Award (2010), and designation as an IEEE Communications Society Distinguished Lecturer (2006-2009). He has also been granted over twenty-five US patents.

PROGRAM AT A GLANCE

Monday, 25 May 2015		Tuesday, 26 May 2015		Wednesday, 27 May 2015	
8:00 – 8:30	Registration	8:45 – 9:00	Day 2 Remarks from General Chair	Trip to Chengdu Panda Breeding Research Center	
8:30 – 8:50	Opening Remarks	9:00 – 10:00	Keynote Speech 2	8:15	Meeting point – Mirror Lake Hotel, Southwest Jiaotong University
8:50 – 9:50	Keynote Speech 1	10:00 – 10:20	Coffee Break	8:30	Depart Mirror Lake Hotel, Southwest Jiaotong University
9:50 – 10:10	Coffee Break	10:20 – 11:50	Session 3	9:00 – 12:00	Visit Chengdu Panda Breeding Research Center
10:10 – 12:00	Session 1 – Part 1	11:50 – 12:50	Session 4	12:30	Arrival Mirror Lake Hotel, Southwest Jiaotong University
12:00 – 13:00	Lunch	12:50 – 13:50	Lunch	13:00	Farewell Buffett
13:00 – 14:30	Session 1 – Part 2	13:50 – 15:50	Session 5		
14:30 – 16:30	Session 1 – Part 2	15:50 – 16:10	Coffee Break		
16:30 – 16:50	Coffee break	16:10 – 17:40	Special Session		
16:50 – 18:40	Session 2 – Part 2	18:30	Gala Dinner (XING Xibei Restaurant)		
19:00	Welcome Reception (Old Shunxing Tea house)				

LEGEND:

Keynote Speech 1: Multi-user Video Streaming in Cognitive Radio Networks: When QoS Meets Spectrum (Shiwen Mao)

Keynote Speech 2: Greening the Access Infrastructure for Multimedia Communications (Nirwan Ansari)

Session 1: *Video Transmission Mechanism over Wireless Networks (Track Chair: Zhang, Haixia)*

Session 2: *Networking and transmission mechanisms (Track Chair: Wang, Wei)*

Session 3: *Application and Multimedia/channel coding paradigms (Track Chair: Wu, Shaoen)*

Session 4: *Multimedia services, business models and concepts & Data Mining in Social Multimedia (Track Chair: Xu, Changqiao and Yin Liu)*

Session 5: *Next Generation Communications and Networking Technologies (Track Chair: Huang, Jun)*

Special Session: *On the Security and Digital Forensics of Multimedia Networking and Communications (Special Session's Chair: Liu, Qingzhong)*

SHORT PAPERS:

Please note that short papers have been divided into individual tracks based on their topic and will be presented according to full program: <http://www.mobimedia.org/2015/show/program-final>

FULL PROGRAM

MONDAY, 25 MAY 2015

- 8:00 – 8:30** **Registration**
- 8:30 – 8:50** **Opening Remarks**
- 8:50 – 9:50** **Keynote Speech 1: Multi-user Video Streaming in Cognitive Radio Networks: When QoS Meets Spectrum (Shiwen Mao)**
- 9:50 – 10:10** **Coffee Break**
- 10:10 – 12:00** **Session 1 – Part 1 Video Transmission Mechanism over Wireless Networks (Track Chair: Zhang, Haixia)**
- Playout Buffer Aware Adaptation Scheme over Multi-client LTE Networks
- Chen, Yuchen
 - ***Liu, Guizhong**
 - Wang, Qinli
- A delay-aware scheduling algorithm for enhancing video services QoS in LTE system
- Yang, Peng
 - Yan, Junjie
 - ***Wu, Dapeng**
 - Shu, Na
- A Novel Rate Control Scheme for Constant Bitrate Video Streaming
- ***M, Venkata Phani Kumar**
 - K C, Ravi
 - Mahapatra, Sudipta
- Robust and Adaptive Block Tracking Method Based on Particle Filter
- Sun, Bin
 - ***Liu, Zhi**
 - Zhang, Haixia
- Infrared dynamic hand gesture recognition based on Gabor feature and sparse representation
- Shang, Lei
 - ***Liu, Zhi**
 - Zhang, Haixia
- Resource Allocation Algorithm for Optimizing User Fairness in Multi-User OFDMA System
- ***Li, Jun**
 - Wang, Xiumin

- Cao, Haiyan

12:00 – 13:00

Lunch

13:00 – 14:30

Session 1 – Part 2 Video Transmission Mechanism over Wireless Networks

(Track Chair: Zhang, Haixia)

Enhanced QoE-oriented packet scheduling scheme for HTTP video streaming in LTE networks

- Bai, Yiqi
- ***Liu, Danpu**
- Zhang, Zhilong

Hybrid Peer-to-peer Streaming System for Mobile Peers with Transcoding

- ***Zeng, Shuai**
- Zhao, Guo-feng
- Xu, Chuan

Robust Face Recognition using Voting by Bit-plane Images based on Sparse Representation

- *wei, dongmei
- Li, Tianping

Joint Fair Resource Allocation for Opportunistic Spectrum Sharing in OFDM-based Cognitive Radio Networks

- ***Ma, Yanbo**
- ma, piming
- zhang, haixia

Redundancy Elimination in DTN via ACK Mechanism

- Zhang, Xiqing
- *** Feng, Yuan**
- Hong, Feng
- Guo, Zhongwen

14:30 – 16:30

Session 2 – Part 1 Networking and transmission mechanisms (Track Chair:

Wang, Wei)

Cross-Layer Design for Two-Way Relaying Networks with Multiple Antennas

- ***wu, zhuo**
- Wang, Lei

Compression of Video Tracking and Bandwidth Balancing Routing in Wireless Multimedia Sensor Networks

- ***Wang, Yin**
- Yang, Jianjun
- Shen, Ju
- Payne, Bryson
- Guo, Juan

- Hua, Kun

A New Transmit Power Control Scheme Based on Location-awareness in Cognitive Networks

- Li, Fang wei
- ***Peng, Zhu xun**
- Zhu, Jiang
- Huang, Qing

A Study of Application Layer Paradigm for Lower Layer Energy Saving Potentials in Cloud-Edge Social User Wireless Image Sharing

- ***Wang, Wei**
- Sohraby, Kazem

Propagation-based Content Dissemination for Social Mobile Interactive Multimedia Services

- Wang, Mu
- ***Xu, Changqiao**
- Wei, Yiran
- Guan, Jianfeng

A Hierarchical of Security Situation Element Acquisition Mechanism in Wireless Sensor Network

- wei, Li, Fang
- ***Yan, Wang**
- Jiang, Zhu
- yue, Zhang, Xin

16:30 – 16:50

Coffee break

16:50 - 18:40

Session 2 – Part 2 Networking and transmission mechanisms (Track Chair: Wang, Wei)

Improving End-to-end Packet Delivery in High Traffic Multi-hop Wireless Ad Hoc Networks

- ***Afzal, Syed Rehan**
- Nabi, Majid
- Stuijk, Sander
- Basten, Twan

An Improved MOEA/D for QoS Oriented Multimedia Multicasting with Network Coding

- Wang, Zhaoyuan
- ***Xing, Huanlai**
- Li, Tianrui
- Yang, Yan
- Qu, Rong

Resource Allocation Algorithm for the Downlink of Multi-user OFDM System Based on Fairness

- ***Cao, Hai Yan**
- Tang, Limei
- Li, Jun
- Fang, Xin

Resource Allocation for Multicell Device-to-Device Communications in Cellular Network: A Game Theoretic Approach

- ***Huang, Jun**
- Sun, Yi
- Li, Jibi
- Zhao, Yanxiao

H.264 QoS and Application Performance with Different Streaming Protocols

- ***Laine, Sanna**
- Hakala, Ismo

A New Mechanism of Dynamic Spectrum Access Based on Restless Bandit Allocation Indices

- Jiang, Zhu
- ***Chao, Han**
- lei, Yang, Hao
- hao, Xiong, Jia

19:00 Welcome Reception (Old Shunxing Tea house)

TUESDAY, 26 MAY 2015

8:45 – 9:00 **Day 2 Remarks from General Chair**

9:00 – 10:00 **Keynote Speech 2:** Greening the Access Infrastructure for Multimedia Communications (Nirwan Ansari)

10:00 – 10:20 **Coffee Break**

10:20 – 11:50 **Session 3 - Application and Multimedia/channel coding paradigms (Track Chair: Wu, Shaoen)**

An Improved Data Scheduling Mechanism of Streaming Media in Mobile Network

- ***Huang, Xiaotao**
- Zheng, Chengyu
- Cheng, Xiaochen

Performance Evaluation and Parameter Optimization of SoftCast Wireless Video Broadcast

- ***Yang, Dongxue**
- Bi, Yunqiang
- Si, Zhongwei
- He, Zhiqiang
- Niu, Kai

A improved Network Security Situation Awareness Model

- Fangwei, Li
- Xinyue, Zhang
- Jiang, Zhu
- ***Yan, Wang**

The Face Object based HEVC System for Video Call

- ***wang, xi**
- Yan, Chenggang, Clarence
- Huang, Qingming
- Su, Li
- Jiang, Shuqiang
- Huang, Xianglin

A Spectrum Allocation Mechanism Based on HJ-DQPSO for Cognitive Radio Networks

- Jiang, Zhu
- ***hao, Xiong, Jia**
- cui, Chen, Hong
- Chao, Han

11:50 – 12:50

Session 4- Multimedia services, business models and concepts & Data Mining in Social Multimedia (Track Chair: Xu, Changqiao and Yin Liu)

QoE-Aware Device-to-Device Multimedia Communications

- ***ZHOU, Liang**

An Energy-Efficient Self-Organization Routing Strategy in Tree Networks

- Feng, Lin
- ***Zhou, Yu**
- Qiu, Tie

Clothing Style Recognition using Fashion Attribute Detection

- ***Sun, Guang-Lu**
- Wu, Xiao
- Chen, Hong-Han
- Peng, Qiang

Keep me posted! Human and machine learning analysis of Facebook updates

- ***Delogu, Franco**
- Franetovic, Marija
- Shamir, Lior

Assessing the efficacy of benchmarks for automatic speech accent recognition

- Bock, Benjamin
- ***Shamir, Lior**

12:50 – 13:50

Lunch

13:50 – 15:50

Session 5 - Next Generation Communications and Networking Technologies
(Track Chair: Huang, Jun)

Energy-efficient Joint Power Allocation and Channel Selection for D2D Communications

- ***Ma, Guifang**
- Zhou, Zhenyu
- Bai, Jinfang

Stackelberg Game Modeling of Pricing for Mobile Virtual Network Operators

- Wang, Yali
- Gu, Bo
- ***Liu, Song**
- Liu, Peng
- Zhong, Xiao

A Novel Stackelberg-Bertrand Game Model for Pricing Content Provider

- ***Zhang, Cheng**
- Gu, Bo
- Yamori, Kyoko
- Xu, Sugang
- Tanaka, Yoshiaki

Hybrid Scheduling for Quality of Service Guarantee of Multimedia Data Flows in Software Defined Networks

- ***Huang, Jun**
- Xu, Liqian
- Zeng, Mengxi
- Yan, Huifang
- Duan, Qian
- Xing, Cong-cong

Joint Cooperative Relay and Cross Layer HARQ for QoS Provisioning in Wireless Sensor Networks

- ***Hua, Kun**
- Zhu, Yuenong
- Yang, Jianjun
- Wang, Yin

Network Security Risk Assessment Based on Item Response Theory

- Li, Fang, wei
- ***Huang, Qing**

- Zhu, Jiang
- Peng, Zhu, xun

15:50 – 16:10

Coffee Break

16:10 – 17:40

**Special Session on the Security and Digital Forensics of Multimedia
Networking and Communications**

(Special Session's Chair: Liu, Qingzhong)

Mobile Watermarking against Geometrical Distortions

- Zhang, Jing
- Zhi, Meili
- Su, Yuting
- ***Liu, Qingzhong**

A Method to Detect AAC Audio Forgery

- ***Liu, Qingzhong**
- Sung, Andrew, H.
- Chen, Lei
- Yang, Ming
- Chen, Zhongxue
- Liu, Yanxin

A High Visual Quality Embedding Method in Edges Based on Pixel Pair
Difference

- ***MA, Yuan-bo**
- WEN, Quan-si
- HONG, Wien
- LIN, Zhe-ming
- CHEN, Tung-shou

Android-Stego: A Novel Service Provider Imperceptible MMS Steganography
Technique Robust to Message Loss

- ***Srinivasan, Avinash**
- Wu, Jie
- Shi, Justin

Dynamic Resource Allocation Scheme Using Cooperative Game for
Multimedia Services in LTE Advanced System

- ***Wu, Dapeng**
- Zhou, Xiaojun
- Xie, Yi
- Yan, Haisheng
- Wang, Ruyan

18:30

Gala Dinner (XING Xibei Restaurant)

WEDNESDAY, 27 MAY 2015

Trip to Chengdu Panda Breeding Research Center

- 8:15** Meeting point – Mirror Lake Hotel (镜湖宾馆), Southwest Jiaotong University
- 8:30** Depart Mirror Lake Hotel (镜湖宾馆), Southwest Jiaotong University
- 9:00 – 12:00** Visit Chengdu Panda Breeding Research Center
- 12:30** Arrival Mirror Lake Hotel (镜湖宾馆), Southwest Jiaotong University
- 13:00** Farewell Buffett

WELCOME RECEPTION

WHEN? Monday, 25th May 2015
TIME? 19:00 (7pm)
WHERE? Old Shunxing Tea house



DIRECTIONS: 10 minutes' walk from Conference Venue



Mall Business
258 Shawan Rd
Jinniu, Chengdu, Sichuan
China, 610031

GALA DINNER

WHEN? Tuesday, 26th May 2015
TIME? 18:30 (6.30pm)
WHERE? XING Xibei Restaurant



DIRECTIONS: 8 minutes' walk from Conference Venue



376 Qunxing Rd
Jinniu, Chengdu, Sichuan
China

CHENGDU RESEARCH BASE OF GIANT PANDA BREEDING

- WHEN? Wednesday, 27th May 2015
- TIME? 8:30 Depart from Mirror Lake Hotel (ETA: 12:30)
 - Followed by farewell lunch at 13:00 (XU's Kitchen)
- WHERE? 1375 Xiongmao Avenue, Chenghua, Chengdu, Sichuan, China, 610081
- DIRECTIONS? Transport provided for participants registered to Trip to Panda Research Centre (Approximately 30 minutes by bus)



<http://www.panda.org.cn/english/>

FAREWELL LUNCH

- WHERE? XU's Kitchen, Chengdu (900 metres from Mirror Lake Hotel)



We kindly ask you to respect meeting time at 8:15am outside Mirror Lake Hotel.

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| Yue Shi, Paypal | |

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EAI | European Alliance for Innovation

EAI was created by leaders from industry, research, and policy making organisations to engage the global community with the shared goal of securing Europe's future competitiveness through innovation. By harnessing the potential of the ICT revolution, EAI engages the global community in all sectors of society to explore ways in which innovation in technology and business can benefit society at large.

Through its institutional members, EAI endorses hundreds of events around the world as one of the largest scientific meeting supporters. EAI is involved in the technical program development of events including scientific meetings, trade events, training workshops, seminars, fairs, and other programs worldwide.

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