



2011 International Symposium on Signal Processing and Communication Technology in West China

2011 International Symposium on Signal Processing and Communication Technology in West China organized by College of Electronics and Information Engineering, Sichuan University, will be held in the popular city Chengdu in southwest China during 17-18 June 2011. The symposium aims to provide a broad international forum for scientists, engineers, and educators working in the areas of Signal Processing and Communication to discuss state-of-the-art science and technologies, and their applications in diverse areas. The symposium will feature plenary speeches given by world wide renowned scholars and some special sessions focused on some popular topics.

Sichuan University is one of China's key universities and the College of Electronics and Information Engineering enjoys a long tradition in education and boasts many renowned scholars. Sichuan University is located in downtown Chengdu, a famous historic and cultural city known as the land of abundance. The area is also famous for its delicious cuisine and beautiful landscapes. Welcome to Chengdu.





Topic areas

1. Image/Video coding and transmission

Topics include: Still image and video coding, Source/channel coding, coding standards, Image and video over networks, and video streaming.

2. Wireless Networks

Topics include: Mobile ad hoc networking, Personal area networking, Cognitive radio and spectrum sensing, Broadband Wireless Access, Cross Layer Design, Mesh Networks, Cooperative and Intermittent Networks, Sensor Networks, Test-beds and new applications

3. Internet

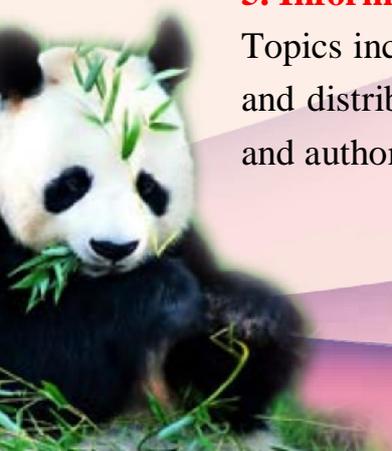
Topics include: Traffic modeling, Protocols, Embedded Internet devices, New and enhanced services, Resource and information management, Adaptive QoS provisioning, End-to-end QoS, Emerging technologies

4. Multimedia signal processing

Topics include: Streamed multimedia applications, Algorithms and implementations, Image audio and video processing, Error concealment techniques, Management of multimedia services, Test-beds and trials, Multimedia games

5. Information Security

Topics include: Security primitives and algorithms, Security of wireless and distribution networks, Security of sensor networks, Authentication and authorization, Encryption, Data integrity, Information assurance





Sponsors

- | Sichuan University
- | College of Electronics and Information Engineering, SCU

Supports

- | National Nature Science Foundation of China (NSFC)
- | European Union Seventh Framework Program (FP7)

Committees

General Chairs:

Prof. Yuanping Zhou	Sichuan University
Prof. Vladimir Oleshchuk	University of Agder
Prof. Daisheng Luo	Sichuan university

Program Chairs:

Prof. Xiaohai He	Sichuan university
Prof. Frank Li	University of Agder

Steering Chairs:

CTO Charlie Liu	Sony Ericsson Mobile Communications
Prof. Peiyu He	Sichuan University





Schedule

June 17, 2011(Friday)		
09:00-09:20	Opening Ceremony	
09:20-10:30	Keynote Address: Trust and Security in Wireless Sensor Networks	Prof. Vladimir Oleshchuk, UIA
	Keynote Address: Network Malware Detection Without Packet Analysis	Prof. Mingyu Fan, UESTC
10:30-10:45	Tea Break	
10:45-12:00	Keynote Address: Modeling and Characterization of Spectrum White Spaces for CRNs	Prof. Vicent Pla, UPV
	Keynote Address: On the Exponential Performance Model for Turbo Codes	Prof. Qingchun Che , SWJTU





	Keynote Address: Traffic Management in Cognitive Radio Networks	Prof. Jorge Martinez-Bauset , UPV
12:00-13:00	Lunch	
14:15-15:45	Keynote Address: New Trends in Mobile Communications	CTO.Charlie Liu, Sony Ericsson
	Keynote Address: An Iterative Adaptive Beamforming with Multi-Cycle Optimization	Prof. Yuanping Zhou, SCU
	Keynote Address: MAC Strategies in Multi-channel Cognitive Radio Networks	Prof. Frank Li, UIV





15:45 -16:15	Tea Break	
16:15-17:15	Keynote Address: MAC Strategies in Multi-channel Cognitive Radio Networks	Prof. Luis, UIA
	Keynote Address: A New Method to Realize a Variety of Tinnitus Matching Sound	Prof. Peiyu He, SCU

June 18, 2011(Saturday)	
09:00-12:00	Concurrent Session
12:00-13:00	Lunch
14:00-16:00	Concurrent Session





Attraction

Chengdu

Chengdu is an interesting city with over 2500 years of history, having been of varying importance in the Middle Kingdom through that period. Though nothing remains of the ancient city physically, old traditions seem to be alive as well. Tea, opera, embroidery, silk and beautiful women have made the city reknown all over the world. Chengdu is also called The Brocade city. In Western Han Dynasty (206 BC), brocade produced in Chengdu was popular among the royal and the rich; Chengdu is also the hometown of giant panda, you know, there are only about 1000 giant panda living in the world, all of them are in china, among them, 80% are in Chengdu. Around Chengdu city, there are many beautiful and impressive natural scenery sports .Such as Mt.Emei, Mt.Qingcheng, Mt xilingxueshan etc. Those are the best choices to enjoy the fresh air.

Chengdu is proud of its cultural background and scenic beauties .We can see a clear history with all the sites and evidence that exists. On the vast and fertile Chengdu plain, there are many historic remains that reveals the past of this city. Sangxingdui museum displays the ancient city, ancient kingdom, which is considered as one of the ten most valuable discoveries in china. The famous cultural city, Chengdu, is not only known for her history of more than 2300 years, but also noted for its leisure life style. Chengdu portrays itself as the Eden of the east, for it is associated with leisure affluence and romance, just like the original Garden of Eden of biblical reputation.





Sichuan University

Sichuan University is one of China's key universities under the direct supervision of Ministry of Education. Located in West China, it is identified as a key high-level comprehensive research university under Project 985 and Project 211.

Sichuan University is located in downtown Chengdu, a famous historic and cultural city known as "the land of abundance". It consists of three campuses of Wangjiang, Huaxi and Jiangan, and covers an area of 7470 hectares with a floor area of 308 hectares. The University, with its favorable environment and beautiful scenery, is a wonderful place for learning and doing researches.

Sichuan University enjoys a long tradition in education and boasts many renowned scholars. Over 50 members of the Chinese Academy of Sciences and Chinese Academy of Engineering are alumni of Sichuan University, and among the 50 "Sichuan Cultural Celebrities" in 2001, 36 were alumni of Sichuan University.

