

## IEEE IT Workshop Status Report:

# 2006-China Information Theory Workshop

Chengdu California Garden Hotel, Chengdu International Exhibition and Convention Center (CIECC), Chengdu, China, October 22 – October 26, 2006, <http://sist.swjtu.edu.cn/imc/itw06/>.

### 1. Paper submission statistics

- ITW'06 received 306 submissions, with 286 effective submissions (excluding 16 repeated and 4 withdrawn); not including 4 plenary talks and 21 invited talks.
- Accepted papers: **93** oral + **56** poster = **149** (**93** from overseas and 56 from mainland China); acceptance ratio:  $149/286 = 52.5\%$ .

### 2. Technical program and invited talks (see Appendices 1-2 below)

- Program consists of 4 plenary talks + 21 invited talks (single sessions) + **93** oral presentations (parallel sessions) + **56** posters; refer to Appendix 2 for details.
- For 4 plenary talks, 45 minutes will be allocated; the 21 invited talks (25 minutes each) are arranged into 7 invited sessions (3 invited talks per session).
- There are 20 parallel oral sessions (10 time slots) accommodating  $13 \times 5 + 7 \times 4 = 93$  oral presentations, each having 20 minutes.
- There are 3 poster sessions arranged during the 3 afternoon tea breaks (16:05-18:05pm); each session has about 20 posters (total  $19+19+18=56$ ).
- 4 plenary speakers have been confirmed; they are Sergio Benedetto, Dick Blahut, Marc Fossorier, and Ralf Koetter. The specific topics of their talks will be decided shortly.
- 17 invited session speakers have been confirmed; see appendix 1 below.

### 3. Financial aspects

- Contract has been signed with the Chengdu California Garden Hotel, and a \$6.3K deposit has been paid. Extra conference rooms have been confirmed due to the addition of parallel sessions.
- Received \$12.5K financial support from Qualcomm (\$7.5K, designated for sponsorship of the conference banquet) and Seagate Technology (\$5K).
- \$10K has been confirmed from NSF, which will be used to support travel for U.S. participants only.
- It was decided not to use the IEEE loan (\$10K) at this stage since we have paid the hotel deposit by using the donations from Qualcomm and Seagate.
- Provide \$1K to each plenary speaker, total \$4K, and waive their registration fees as well.
- Since our financial situation is better than expected, in addition to the profit to be returned to IEEE IT society, we may provide a limited number of travel grants to students and/or participants from developing countries. However, this will be clear only after the registration deadline, i.e., Sept.10.

### 4. Other

- Official approval to host the ITW'06 in Chengdu has been issued by the Chinese Government.
- Official approval has been received from IEEE to publish conference proceedings by IEEE Press; the approved data are IEEE Catalog Number: 06EX1268; ISBN: 1-4244-0067-8; Library of Congress: 2005937120.
- Negotiation with travel agencies for handling the Jiu Zhai Gou and other optional tours is in progress and will be finalized once the number of tour participants is known.

**In summary, it is expected that we are going to have a successful ITW'06 in Chengdu!**

## **Appendix 1: Invited speakers**

### **Plenary Speakers**

Richard Blahut (University of Illinois, Urbana-Champaign, USA)	blahut@uiuc.edu
Sergio Benedetto (Politecnico di Torino, Italy)	sergio.benedetto@polito.it
Ralf Koetter (University of Illinois, Urbana-Champaign, USA)	koetter@uiuc.edu
Marc Fossorier (University of Hawaii, USA)	marc@spectra.eng.hawaii.edu

### **Invited Sessions**

#### **Error control codes**

Chair:	Torleiv Klove (University of Bergen, Norway)	Torleiv.Klove@ii.uib.no
Speakers:	Alexei Ashikhmin (Bell Laboratories, USA)	aea@research.bell-labs.com
	Jack Wolf (University of California, San Diego, USA)	jwolf@ucsd.edu
	Radinka Yorgova (University of Bergen, Norway)	Yorgova@ii.uib.no

#### **Iterative decoding and detection techniques**

Chair:	Marc Fossorier (University of Hawaii, USA)	marc@spectra.eng.hawaii.edu
Speakers:	Joseph Boutros (ENST, France)	boutros@enst.fr
	Toshiyasu Matsushima (Waseda University, Japan)	toshi@matsu.mgmt.waseda.ac.jp

#### **Data compression**

Chair:	Zhen Zhang (University of Southern California, USA)	zzhang@milly.usc.edu
Speakers:	En-Hui Yang (University of Waterloo, Canada)	ehyang@bbcr.uwaterloo.ca
	Jun Yang (Philips Research North America, USA)	junyang@philips.com
	Da-ke He (IBM, USA)	dakehe@us.ibm.com

#### **Quantum-theoretical aspects of coding**

Chair:	Alexei Ashikhmin (Bell Laboratories, USA)	aea@research.bell-labs.com
Speakers:	Markus Grassl (Universität Karlsruhe, Germany)	markus.grassl@gmail.com
	Mitsuru Hamada (Tamagawa University, Japan)	m-hamada@lab.tamagawa.ac.jp
	Andreas Winter (University of Bristol, UK)	a.j.winter@bris.ac.uk

#### **Network coding**

Chair:	Emina Soljanin (Bell Laboratories, USA)	emina@lucent.com
Speakers:	Tony Ephremides (Univ. of Maryland, USA)	tony@eng.umd.edu
	Oyvind Ytrehus (University of Bergen, Norway)	oyvind@ii.uib.no
	Rudolf Ahlswede (University of Bielefeld)	hollmann@Mathematik.Uni-Bielefeld.DE

#### **Space-time codes, multi-user and MIMO systems**

Chair:	David Tse (University of California, Berkeley, USA)	dtse@eecs.berkeley.edu
Speakers:	Pramod Viswanath (University of Illinois, USA)	pramodv@uiuc.edu
	David Tse (University of California, Berkeley, USA)	dtse@eecs.berkeley.edu
	Xiang-Gen Xia (University of Delaware, USA)	xxia@ee.udel.edu