2015 Members

Ex-Officio and Chair (01/01/15 until 12/31/15)
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Member (01/01/13 until 12/31/15)
Sriram Vishwanath
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Austin TX 78712
sriram@ece.utexas.edu
## Student Committee

<table>
<thead>
<tr>
<th>Event</th>
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<tbody>
<tr>
<td>ISIT 13</td>
<td>Meet the Shannon Awardee</td>
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<td>Video competition results, discussion w. Ubli Mitra</td>
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<td>ITA 14</td>
<td>Land your dream job</td>
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<td>CISS 14</td>
<td>Roundtable research discussion</td>
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<td>ISIT 14</td>
<td>Meet the Shannon Awardee</td>
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<td>ITA 15</td>
<td>101 Reasons to Study IT (Mitra, Montanari, Soljanin)</td>
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<tr>
<td>ISIT 15</td>
<td>Meet the Shannon Awardee</td>
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</tbody>
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Outreach Subcommittee
Report 1/15-6/15

Joerg Kliwer
Subcommittee Members

• Co-chairs:
  • Aaron Wagner
  • Joerg Kliwer

• Members:
  • Tara Javidi
  • Michèle Wigger
  • Bobak Nazer
Event: Panel ITA 2015

• Panel discussion “101 Reasons to Study IT”, co-organized with Student Committee
  – Panelists: Ubli Mitra, Emina Soljanin, Andrea Montanari

• 50 attendees
An Impression
Activities this ISIT

• Panel discussion on Tuesday evening:
  “99 Biggest Career Mistakes and How to Avoid Them”
  – Panelists: Alex Dimakis, Elza Erkip, Madhu Sudan, Ruediger Urbanke
  – Will be videotaped and put on ITSoC website

• ... followed by our traditional ISIT mentoring get-together reception
Mentoring Program

• 34 mentoring pairs (up from 31 last year)
• Problems:
  • Relatively few new applications despite advertising efforts
  • Only few pairings really work (e.g., personal characteristics or communication style the mentor/mentee may make it difficult to build an effective relationship)
  • Lack of mentors
Improving Mentoring Program

Some ideas:

• Better coordination of mentoring program with conference activities (e.g., at ISIT, ITA)
  • Specific activities for mentors and their mentees

• Introduction of team mentoring

• Ideas in the brainstorming phase, formal proposal to the BoG at the next meeting
Improving Mentoring Program

Team mentoring

• A team could consist of two mentors for a group of up to six mentees
• Ideally, teams would be formed according to technical interests
• Advantages:
  • Combines advantages of 1-to-1 mentoring with peer mentoring
  • Teams could form networks that connect mentees and mentors for many years
  • Team meetings could take place at ITSoc conferences
ITAL 2015: Women in the Information Theory Society (WithITS) lunch meeting

Allerton 2014: Promotional videos of research of some of our members were shot (http://www.itsoc.org/withits/media-resources)

ISIT 2014: An interactive presentation and discussion section titled "Climate Change: What Conditions Help Women Thrive in STEM Areas?"

Here is the announcement:
Women make less than a quarter of the STEM (science, technology, engineering, mathematics) workforce in the United States. The same trend is true if not worse for other countries in the world. Women are more likely to drop out of college in STEM areas or leave the workforce than their male counterparts.
In an interactive setting, we will present some statistics pertaining to recruitment and retention of women in STEM areas and discuss the role of climate change as a possible strategy to improve the status quo.
WITHITS — Plans for 2016

ISIT 2016: Natasha Devroye and Lalitha Sankar have kindly agreed to run a WithITS event — surprise

Allergen 2016 — planning meeting to create an archive for useful resources
Distinguished Lecturer Program

Macedonia - Guiseppe Caire
South Africa — Frans Willems
Spain — Gerhard Kramer

Last year we had 2 requests — 50% INCREASE!!! :-(
Distinguished Lecturer Program  2014-2015

Lecturer (01/01/14 until 12/31/15)
Erdal Arikan
Electrical Engineering Department, Bilkent University, 06800, Ankara, Turkey
arikan@ee.bilkent.edu.tr

Giuseppe Caire
EE Department, Viterbi School of Engineering
University of Southern California
3740 McClintock Ave., EEB 528
Los Angeles, CA 90089
Tel: (213)740-4683
Fax: (213)740-8729

Pascal Vontobel
Stanford University (Visiting Scholar)
pascal.vontobel@ieee.org

Frans M.J. Willems
f.m.j.willems@tue.nl

Tracey Ho
Caltech
tracey.ch@gmail.com
Distinguished Lecturer Program 2016-2017

Suhas Diggai

Ronny Roth

Babak Hassibi

Martin Wainwright

Olgica Milekovic
Padovani Lecturer 2015

Paul Siegel
UCSD

Criteria: distinguished and impactful in both academia and industry

1992 ITSoC Paper Award
1993 COMSoC Leonard G. Abraham Prize Paper
2007 COMSoC Data Storage Technical Committee Best Paper Award

director 2000-2011
Chapter of the Year Award

Hong Kong, Seoul, Sweden

Chee Wei Tan

List of Conferences/Workshops in Hong Kong:
(i) 2015 IEEE International Symposium on Information Theory (www.isit2015.org) on 14-19 June, 2015. This conference co-chaired by Raymond Yeung and David Tse with support from our IT Hong Kong Chapter (involved in soliciting financial sponsorships).


(v) 2014 Invited Speakers (Prof. C. W. Tan from HK Chapter) at 2014 Summer School on Internet of Things and Machine to Machine on 20-22 Jan 2015 at Hualien, Taiwan

(vi) 2014 Sino-German Workshop on Bridging Theory and Practice in Wireless Communications and Networking (http://www.inc.cuhk.edu.hk/sino-german) on 4-7 May, 2014

List of Talks and Exchanges:
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(vi) Regular Lectures by local and overseas information theorists and communication theorists at the Institute of Network Coding (http://www.inc.cuhk.edu.hk/seminars)

List of Student-related Activities and Training:
(i) Organization of 2015 Hong Kong Croucher Summer Course in Information Theory (http://www.ie.cuhk.edu.hk/Croucher-summer-information-theory) on June 8-12, 2015. Organized by Sid Jaggi with Gerhard Kramer; this was a five-day summer course provides talented young information theory via long-format tutorials taught by leading experts (Emre Telatar, Pascal O. Vontobel, Navin Kashyap, Robert Calderbank).

(ii) Organization of 2014 IT Society East Asian School in Information Theory, the 2015 Hong Kong Croucher Summer Course in Information Theory, the 2015 IEEE Hong Kong-Taiwan Joint Workshop on Information Theory and Communications hosting an international workshop.


(iv) 2014 Hong Kong Chapter Postgraduate Day on Information Theory and Communications with poster presentations from all local universities. Further publicity at the Croucher Foundation website: http://projects.croucher.org.hk/summer-school-2014

(v) Chinese University of Hong Kong Charles Kao Scholarship to support undergraduates for summer internship; 3 out of the 9 selected have worked with Prof. David Tse, Prof. Pulkit Grover, Prof. Babak Hassibi.

(vi) IT Chapter representative (C. W. Tan from HK Chapter) selected for the 2014 IEEE Volunteer Leadership Training Program organized by the IEEE MGA Committee: http://www.ieee.org/societies_communities/geo_activities/sections_congress/2014/

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Please feel free to let me know if you need more information. Thank you very much.

Dr. Tan, Chee Wei
Chairman of the IEEE IT Society Hong Kong Chapter
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<th>Date Formed</th>
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<th>Middle Initial</th>
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<td>Bao Zong</td>
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<td>terence.chan@u</td>
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<td>11/03/1965</td>
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<td>J</td>
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<td><a href="mailto:vincentw@ece.u">vincentw@ece.u</a></td>
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Membership Numbers

**IT-012 Membership Statistics**

<table>
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<th>Year</th>
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**Membership Numbers from IEEE (courtesy Tina Cordeiro)**

- 2007: 3316 (3581)
- 2008: 3562 (3823)
- 2009: 3536 (3794)
- 2010: 3398 (3656)
- 2011: 3409 (3623)
- 2012: 3259 (3490)

(numbers from budget (courtesy Gerhard)
Broader Outreach / Shannon Initiatives