The JTG / IEEE IT Society
Summer School 2016
in
Signal Processing, Communications, and Networking
Final Report
Report on the Summer School

- The Summer School was held at the Golden Jubilee Seminar Hall, Dept. of ECE, Indian Institute of Science, Bangalore, India, 27 June - 01 July 2016 (5 days).

- We had three short courses, each of 8 hours duration spread over 5 days.
  - B. V. Rao (Chennai Mathematical Institute, India)
    Concentration inequalities
  - Upamanyu Madhow (University of California, Santa Barbara, USA)
    Millimeter-wave communication networks
  - Erdal Arikan (Bilkent University, Turkey)
    Polar coding

- Lectures recorded and made available online. Slides are also available online.

- Website: http://www.ece.iisc.ernet.in/~jtg/2016/
Finance details

- Registration: INR 2500 (~USD 37) students, INR 5000 others
  - 1 USD = INR 67.28

- Participant profile: 121 attendees including 3 speakers (full house)
  - Students 91, Regular (IITs, IISc, and from local engineering colleges) : 27
  - Students mostly from IITs, IISc, and a few other engineering colleges.

- Sponsors:
  - IEEE Information Theory Society INR 773,720 = USD 11,500
  - Indian Government Sources INR 100,000 = USD 1,486
  - Registration INR 362,500 = USD 5,388

- Money used for air travel of foreign speakers, boarding and lodging of students, minimal registration kits, transportation, venue charges.

- A nominal honorarium paid to the three course speakers as is common practice in India. Money from the registration payments was used for this purpose.

- Thanks to IT Society for the funding. Financial report to be submitted to IEEE soon.
Organisers

• General and Finance Chairs:
  – Chandra R. Murthy, Rajesh Sundaresan

• Local organisation:
  – Parimal Parag, Aditya Gopalan, Himanshu Tyagi
  – Administrative support: M. Lalitha, R. Srinivasa Murthy, and 6 others.

• Steering committee that plans the next year’s programme:
  – Srikrishna Bhashyam, Radhakrishna Ganti, Krishna Jagannathan, Andrew Thangaraj (IIT Madras)
  – Rajesh Sundaresan and Navin Kashyap (IISc Bangalore)
  – Vinod Prabhakaran (TIFR Mumbai)
  – Sibiraj Bhaskaran Pillai (IIT Bombay)

• Advisory Group:
  – JTG National Coordinator, IT Society President, and other advisors as given below.
  – Prakash Narayan, P. Vijay Kumar, Vivek S. Borkar.
Plan for 2017

• Plans for the 2017 summer school are well underway

• Venue and time:
  – Indian Institute of Technology Bombay, Mumbai, India

• Proposal being prepared to be sent to IT Society for funding.

• We will request IIT Bombay to advertise early to get international participation.