



Communications Society Indonesia Chapter

Summary for AP-RCCC 2011
京都, 2011年6月9日

Kuncoro Wastuwibowo

Key Activities of 2010

Introducing cutting-edge technology to the society

- Generating new interests to the new technology
 - 4G mobile network series (Jakarta, Surabaya, Yogya, Bandung, Palembang, Makassar, etc)
- Inspiring societies (campus, industry, etc) to carry out research & development of new technology

Introducing IEEE & Comsoc to Society

- Presenting the relevance of the IEEE and Comsoc to academic and professional communities
- Developing pride & value-added for members
- Generating new interests for membership & organization
- With Indonesia Section, promoting first student branches in Indonesia: UI (Jakarta), ITS (Surabaya), ITT (Bandung), ITB (Bandung)

Planned Activities for 2011

Membership Promoting

- Promoting more student branch (Malang, Jakarta, islands), campus forum, area forum
- Promoting members' expertise with wider & deeper technical lecture / workshop:
 - 4G (LTE-A & WiMAX m) engineering
 - Context-aware application & supporting platform

Technical Fora

- Initiating technical forums to link academic & professional communities. Topic to discuss:
 - Meaningful broadband: how, in engineering view, technology would really advance humanity values
 - Next steps of convergence: integration or interoperability among different platforms (IMS, SDP, IPTV)
 - Initiating the first Comsoc Indonesia Conference

Challenges to Comsoc Indonesia

| Challenges & Opportunities | Supports Requested |
|---|--|
| Difficulties to promote distinct member benefits (personal or institutional) to communities | Guidance & best practice from Region & neighbouring chapters |
| Organising the first Comsoc Indonesia conference | Guidance & best practice from Region & neighbouring chapters |
| Shortage of interested experts and audience in technical forums | Intensifying DLP (to wider area in Indonesia) |
| | |



IEEE

Thank You

Comsoc.org

Komunikasi.org

Twitter.com/ComsocIndonesia

Facebook.com/ComsocIndonesia

Activities of the IEEE Comsoc Indonesia Chapter

By Kuncoro Wastuwibowo, Indonesia Chapter Chair

Indonesia has a unique position in the digital communication world. When talking about the explosive growth of social network users in Asia, this country is mentioned. The issues of third- and fourth-generation (3G/4G) mobile communications, mobile Internet applications, Internet-based social media, IPTV, and so on are common topics in Indonesian communities. However, Indonesia is mentioned less in academia and research in the field of communications, which is fundamental to make all the realms of possibility happen.

Compared to neighboring countries in the region of Asia-Pacific, Indonesia has among the smallest numbers of IEEE members and activities. Observing the position and condition of Indonesia, the IEEE Communications Society Indonesia Chapter has chosen to carry out its regional activities in the form of seminars, workshops, and technical meetings discussing industry trends in the next few years. The objective is to open the eyes of the public, and to trigger academic, business, and creative research and development related to the field in the next few years.

The Indonesia Chapter Chair for the period 2009–2010 is Kuncoro Wastuwibowo, and the Vice Chair is FX Ari Wibowo. The main program in this period is to disseminate information on the latest technologies the Communications Society is discussing in its journals, transactions, and seminar series.

The first theme to deliver in this period is Opening the Gates to 4G Mobile Technology. The scope of discussions includes the ITU-T requirements and specifications of



The speakers at the IEEE Seminar on 4G Mobile Technology, University of Pelita Harapan, Surabaya.

IMT-Advanced; some aspects of transmission, such as orthogonal frequency-division multiple access (OFDMA), multiple-input multiple-output (MIMO) antennas, and cognitive radio technology; the implementation of the IP multimedia subsystem (IMS) and the consequences of all-IP network design; the comparison of two strong candidates, LTE/EPS and IEEE 802.16m (WiMAX II); and context-aware applications related to the way we implement and use the technologies. Discussions have taken place in the form of seminars, workshops, and technical circles in some of the campuses involved, among others, were Institut Teknologi Telkom (ITT) in Bandung, Bina Nusantara University in Jakarta, the University of Pelita Harapan in Surabaya and Jakarta, and Soedirman University in Purwokerto. Off campus, the Chapter has also carried out some public seminars in the cities of Bandung and Yogyakarta. The number of participants varied greatly, from less than 20 to hundreds of people, as at public lectures at the University of Pelita Harapan.

Parallel with that theme, the Indonesia Chapter also launched a second seminar series, entitled "Opening the Gates to Digital TV," discussing platforms, infrastructure, interactive contents, and other technical aspects of digital TV, including IPTV. This was done on campuses such as Bina Nusantara University in Jakarta and Hasanuddin University in Makassar; as well as off campus, in the city of Bandung, and also starting a third theme, which is about e-Money.

In all seminars and lectures, both on and off campus, are also starting a third theme, which is about e-Money. In all seminars and lectures, both on and off campus, are also starting a third theme, which is about e-Money. In all seminars and lectures, both on and off campus, are also starting a third theme, which is about e-Money.

Global Communications Newsletter

www.comsoc.org/pubs/gcn

STEFANO BREGNI
Editor

Politecnico di Milano - Dept. of Electronics and Information
Piazza Leonardo da Vinci 32, 20133 MILANO MI, Italy
Ph.: +39-02-2399.3503 - Fax: +39-02-2399.3413
Email: bregni@elet.polimi.it, s.bregni@ieee.org

IEEE COMMUNICATIONS SOCIETY

KHALED B. LETAIEF, VICE-PRESIDENT MEMBER RELATIONS
SERGIO BENEDETTO, VICE-PRESIDENT MEMBER RELATIONS
JOSE-DAVID CELY, DIRECTOR OF LA REGION
GABE JAKOBSON, DIRECTOR OF NA REGION
TARIQ DURRANI, DIRECTOR OF EAME REGION
NAOAKI YAMANAKA, DIRECTOR OF AP REGION
ROBERTO SARACCO, DIRECTOR OF SISTER AND RELATED SOCIETIES

CONTRIBUTORS WHO CONTRIBUTED TO THIS ISSUE
JOSEF.MALGOSA@UPCT.ES
JONG-UPM.EDU.MY