AP- RCCC
Kyoto
June 9' 2011

Shri Goyal
Director, Membership Programs

◈IEEE   ▤ IEEE COMMUNICATIONS SOCIETY
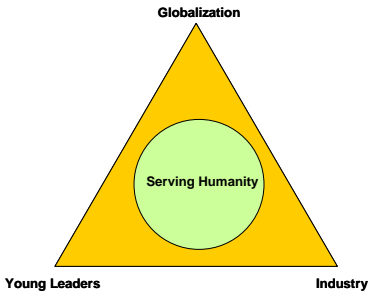

Outline

- ComSoc Vision & Priorities- going forward
- Our Product-line and Services
- Membership and other programs of interest
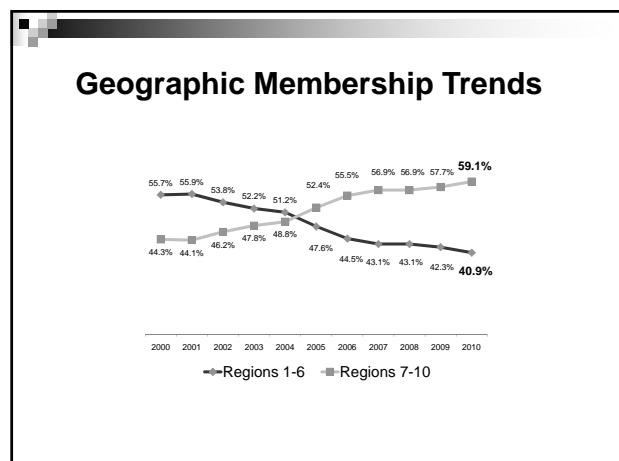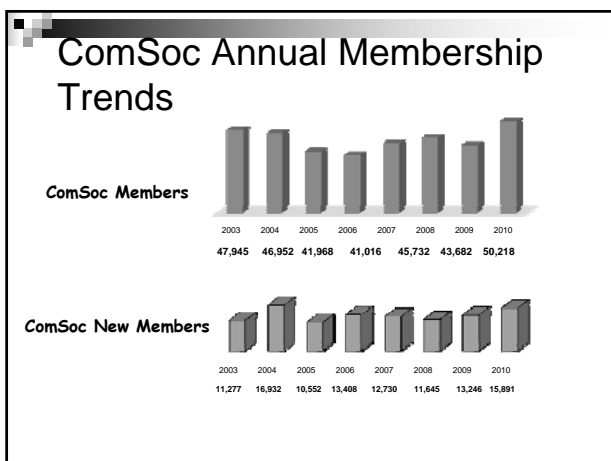- How can we be more effective in working together

---

A Global ComSoc

Globalization

Serving Humanity

Young Leaders   Industry

Focus on Globalization, Young Members and Industry

Members (Global) participation in ComSoc governance

- "Open calls" for technical, publications and conference committees
- Open calls for leadership positions
- Regionally balanced representation in leadership positions
- Special events to engage Industry

ComSoc Annual Membership Trends

ComSoc Members

2003	2004	2005	2006	2007	2008	2009	2010
47,945	46,952	41,968	41,016	45,732	43,682	50,218	

ComSoc New Members

2003	2004	2005	2006	2007	2008	2009	2010
11,277	16,932	10,552	13,408	12,730	11,645	13,246	15,891

Geographic Membership Trends

Regions 1-6: 55.7% 55.9% 53.8% 52.2% 51.2% 52.4% 47.6% 44.5% 43.1% 43.1% 42.3% **40.9%**

Regions 7-10: 44.3% 44.1% 46.2% 47.8% 48.8% 55.5% 56.9% 56.9% 57.7% **59.1%**

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010

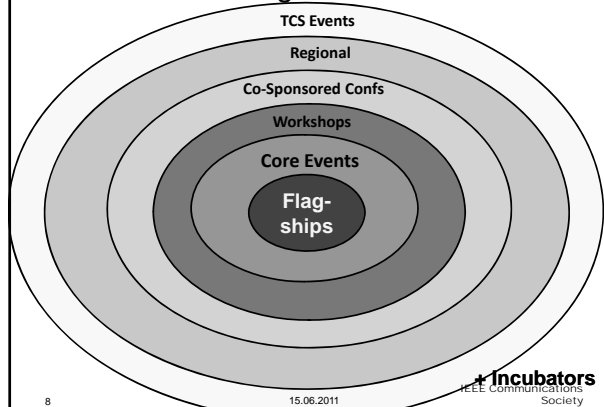Regions 1-6   Regions 7-10

ComSoc Products and Services

- Conferences, publications, etc.
- WCET – Wireless Communications Certification
- Education & training
  - Free (sponsored) tutorials
  - Wireless training courses – virtual & onsite
- i-Phone apps; i-Pad app for ComMag coming
- Live Conference Webcasts special offer coming
- Standards activity
- Other outreach efforts
  - Member survey scheduled for this Spring
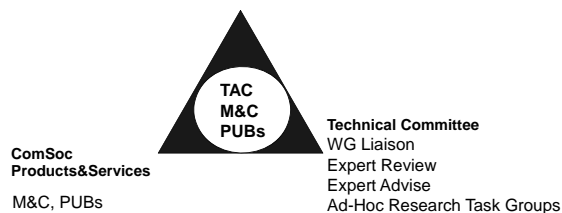 - ComSoc recorded interviews coming

---

Conferences Catagories

TCS Events

Regional

Co-Sponsored Confs

Workshops

Core Events

Flag-ships

+ Incubators

15.06.2011   IEEE Communications Society

Standards Activities– Alex Gelman

Support of Standardization Projects

Standards Project/WG
Individual or entity-based

TAC M&C PUBs

ComSoc Products&Services

M&C, PUBs

Technical Committee
WG Liaison
Expert Review
Expert Advise
Ad-Hoc Research Task Groups

A full presentation can be found:
http://www.adgelman.net/AP-RCCC/

IEEE 802 Summary

- 802.1—Bridging and Architecture
  - Interworking (AB-REV, AC, ag, ah, aj, ak, ap, aq)
  - Security (af, AR)
  - Audio/Video bridging (AS, at)
  - Congestion management (au)
- 802.3—Wired Ethernet
  - Backplane Ethernet (ap)
  - Congestion management (ar)
  - Frame expansion (as)
  - Power management (at)
  - 10Gb/s PHY for EPON (av)
- 802.11—Wireless LAN
  - Radio resource management (k)
  - High throughput (n)
  - Vehicular environment (p)
  - Fast roaming (r)
  - Mesh networking (s)
  - Performance preduction (t)
  - Interworking with external networks (u)
  - Network management (v)
- 802.15—Wireless Personal Area Networks
  - Millimeter wave alternative PHY (.3c)
  - Wireless mesh topologies (.5)
- 802.16—Broadband Wireless Access
  - Mobility enhancements (i)
  - License exempt (h)
  - Relay stations (j)
  - Cellular layer requirements (m)
- 802.20—Mobile broadband wireless access
  - MAC/PHY layers
  - Below 3.5 GHz
  - Optimized for IP-data transport

ComSoc Social Media

JUMP ON!

- ComSoc Blog
- Facebook, LinkedIn, Twitter
- 45 separate sites
- Live activity
- Young Engineers community
- Conferences
- ComSoc Social Media Marketing Sub-Committee
  - Elena Neira, Stan Moyer, Soon Wan (GOLD), staff (led by Ting Qian)

Membership Programs

Chapters Funding and Recognition
IndustryNow Program
Distinguished Lecturer Program (DLT)
Distinguished Speaker Program (DSP)
Membership Development Support Grant (MDSG)
Young Professionals Program (YPP)
Regional/Local Programs
   -Strategic Discussion: local issues/ joint activities

Chapters
Over 200 ComSoc Chapters worldwide

- Chapter funding
- Chapters Awards
- Technical meetings and competitions
  - Level upgrade- Senior Members
  - Socials
- Organization
  - Chair/Vice Chair
  - Secretary
  - Membership Development Chair
  - DLT/DSP Coordinator/Chair
  - Award Recognition Chair

Chapters Awards http://www.comsoc.org/about/documents/pp/4.1.2

Award Selection Matrix

	Activity	Points
1.	Membership growth (annual % of change)	4
2.	Hold 3 technical meetings	3
3.	Hold educational or public relations program	2
4.	Hold student activity meetings	2
5.	Industry involved in chapter activities	2
6.	Organization of seminars, symposia, conference	2
7.	Financial reserves exceed 1.5 times annual expenses	1
8.	Five key officers in place: Chair, Vice Chair, Treasurer, Secretary and MD Chair	2
9.	Membership Upgrade to Senior & Fellow members	1
10.	Participation in the DLT Program	3
11	Submitted all IEEE reports in time	1
12.	Others	2
	Maximum points	25

Senior IEEE Members
http://www.ieee.org/web/membership/senior-members/requirements.html

Requirements
- Active IEEE Member, with 10 years or more
- Demonstrated professional maturity - engineer, scientist, educator, or technical executive

Nomination Process
- The Nominator and referees should be a Fellow or Senior members of IEEE
- The Nominator should fill the Nomination portion of your Application or send it back to you and you can complete the Application
- The IEEE Senior member Application Review Panel members rely heavily on the endorsement and comments provided by references

Distinguished Lecture Program

- Distinguished Lecture Nomination/selection process evaluates and selects Distinguished Lecturers
  - 2 year term renewable one time
- Distinguished Lecture Tours and individual Distinguished Speakers are arranged in response to a request from one or more Chapter Chairs or members
  - $1000 to $2000 funding
  - Three lectures per DLT

Distinguished Lecture (DLP) and Speaker Program (DSP)

- **DLT** increased budget is helping; all regions are participating

- **DSP Program and Process**
  - Current and past Distinguished Lecturers and ComSoc officers deliver lectures while traveling on business trips
  - Grants (if needed) limited to $500 to cover publicity and incidentals
  - DSP contact matches and coordinates trips

Membership Development Support Grant (MDSG)

The MDSG Program has been implemented to support:
- ComSoc membership growth and retention
- Member professional development
- Local chapter growth worldwide

Supporting Student Group

- University and college student groups have requested support
- These are potential chapters in the making
- Small financial and process support
- Encourage formation of *Students Affinity Group* then direct them to IEEE for Student Branch/Chapter formation

Engaging Young members in ComSoc Governance

- In Collaboration with IEEE GOLD Committee
- A Young Professional Webportal (YPW) is created to and linked to ComSoc Site:
http://cms.comsoc.org/eprise/main/SiteGen/Young/Content/Home.html
- Young members from all Regions and GOLD members are enthusiastically participating
- The webportal focuses on Career, Engaging Activities, Education, and Online Networking
- Representation from all Regions
- BoG Councils are inviting Young Professionals volunteers to serve and represent all Regions

Communication among Chapters and members

- Global Chapters Chair Congress
- Regional Chapter Chair Congress
- Strategic discussion meeting and Local initiatives
  - Creating joint activities among Chapters
  - Supporting new initiatives

Partnering with Industry

Two New Programs

- Industry Now – an Industry Outreach Program
  http://www.comsoc.org/about/MemberPrograms/IOP
- Corporate Patron Program – a packaging of ComSoc advertising, patronage, products, and services

Corporate Patron Program

- Started in 2010
- Enables organizations to purchase a customized offering of ComSoc advertising, products, and services
- Currently have five participants:
  - LG-Bronze level
  - SK-bronze
  - Cisco-Bronze
  - Samsung-Platinum
  - KT-bronze
- Several more in the pipeline
- See http://www.comsoc.org/corporate-supporters
- *We need your help generating leads!!*

IndustyNow (INN) Program

- Promote (Global) industry participation; Offered as customized packages of products and services; specially tailored for industries in the fast developing regions
- Offered in India (two years) and now initiating in China
- A successful Industry Day event in Bangalore: March' 2011

Experience thus far:
- The program has met mixed success in recruiting new members; The new INN partners are unable to make full use of our services
- Valuable in bringing awareness of ComSoc's strengths, engaged young members and create new programs

4

India Industry Day-March 10-11; Bangalore
(http://ieee-industry.org/india/)

India Industry Day

- One and a half day event; a collaborative effort:
  - □ IEEE, MGA, ComSoc
- 8 months in the planning, 475 attended; ten from abroad
- 20 different industries participated in presentations
- 150 plus industries, Government agencies and academic institutions participated
- Approx 150 students attended, some sponsored by schools, few traveled 32 hours to attend
- One interactive session with the press; resulted in nine plus newspaper reports
- IEEE new staffed office in India is appreciated
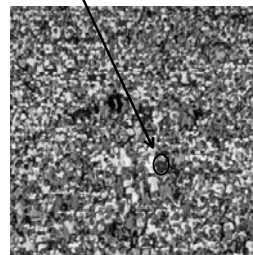

ComSoc Promotional Video

- What ComSoc means to our members
- link: http://vimeo.com/24543673

Thanks to Max Loskutnikov and John Pape
&
the volunteers who participated

In Closing … Membership Always Begins with the Individual Member

When we focus on "Membership" the member and their needs get lost in the crowd.

If we focus on the "Member" we strive to satisfy them, on their terms

"I feel welcome"

"My needs are met"

"I make a difference"

"I am the IEEE"

"I am a part of something great"

Truly satisfied members renew; truly satisfied members refer others to IEEE

---

*We invite you to
work with us in helping you in
professional development*

**Asia Pacific leaders
And Chapter Chairs**

30