Ottawa ComSoc Chapter

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Ottawa Chapter

- I have been an IEEE member for 17 years and ComSoc member for about 12 years.

- In March 2005 I presented a seminar on SONET/SDH with an attendance of 29.

- In 2006 I was the ComSoc Program Chair for ComSoc.

- I have been attending presentations by Computer, PES, EMC, LEOS and seminars by other societies

Ottawa Chapter

- NORTEL, Alcatel-Lucent, National Laboratories, a number of startups, University of Ottawa, Carleton University and Algonquin College.
- Student branches of CU, UoO and AC
- 305 members
- Section Web page with ComSoc page
- Section level monthly newsletter

2006 Activities

Date	Topic	Speaker	Attendees
April 18, 2006	Air Interfaces for Future-Generation Wireless Systems	Dr. David Falconer	65
May 3, 2006	VoIP PBXs for Small and Multi-Location Businesses	Ron Reddick	28
May 15, 2006	Introduction to Turbo Equalization	Maryam Sabbaghian	14
Sept. 27, 2006	A Unified view of iterative ("Turbo") Receivers and Decoders	Dr. Ezio Biglieri	15
Oct. 19, 2006	A Brief Overview of the European Union WINNER Project	Dr. David Falconer	
	WINNER Channel Model; Challenges in MIMO System Testing	Pekka Kyosti and Yuha Ylitalo	47

2007 Plan

- General
  - Establish the objectives for membership and activities
    - Objective : Creation of economic value and opportunities for ComSoc members and the community
    - Increase the number of full membership by 2% and student members by 3%
  - Identify the issues and find solutions
  - Collaborate with other IEEE societies and other local associations
  - Get a full slate of officers with a balance between industry, academia and government
    - Industry : Large OEMs/Engineering sub-contractors/SME
    - Academia : Heads of Department/Active professors/Student branch chairs
    - Government : Departments of Industry, Labour and regulatory bodies
  - Conference call based meetings
- Activity Schedule
  - Seminars by local and outside speakers
    - At least 5 seminars (10% more than 2006) including at least one RLT and one DLT for a total of six events
    - Composition : Technical, business/economic/patents, regulatory/policy
    - Technical
      - Optical/wireless/other technologies
      - Link layer technologies
      - Other layers upto application layer technologies/services
    - Business/Economics
      - Successful companies
      - Telco/CATV/ISP company presentations
      - Economic analyses of technologies/services including patents (trends/issues)
    - Membership Open House
      - New member testimonies
  - AccessNets 2007 conference – applied for IEEE sponsorship
  - DLT
    - Dr. Bregni
  - Proposed RLT in collaboration with neighboring chapters
    - Ask MTL, TO, Kingston, St. Maurice and Quebec City chairs for recommendations
  - Graduate and final year student presentations

Long Term Plan

- Membership
  - Increase membership from the industry and encourage more members to be active
  - Increase student membership and student involvement
  - Arrange for stable corporate support
    - Facilities and financial so as to reduce the logistical overhead per activity
  - Publish important product news and announcements from local companies in IEEE Communications magazine
  - Understand the membership profile

Suggestions

- Full electronic access to all IEEE ComSoc publications
  - For a flat fee or as an additional value for existing membership dues
- Free tutorials
  - Most of my colleagues access free webinars from sites such as LightReading and TechOnline and International Engineering Consortium (IEC) and several other sources that provide good quality material even if it may be sponsored
  - For product development, most engineers do not need highly theoretical papers but good quality tutorials