President’s Report

Abbas El Gamal
BoG Meeting, San Diego
February 9, 2014
Welcome and Thanks

• Welcome new BoG members:
  – Andrew Barron, Stephan ten Brink, Tracey Ho,
    J. Nicholas Laneman, Alexander Vardy, Emanuele Viterbo

• Welcome new second VP:
  – Alon Orlitsky

• Thanks to:
  – Gerhard for his service as President
  – Giuseppe for his service as Senior Past President
  – Helmut for stepping in as interim EiC
  – Frank for agreeing to become our next EiC
  – Bruce for acting as interim conference committee chair
Congratulations

• David Donoho: Shaw Prize
• Arogyaswami Paulraj: Marconi Prize
• IEEE Medal/Winners:
  – Dariush Divasalar: Alexander Graham Bell Medal
  – Thomas Richardson/Rudiger Urbanke: Hamming Medal
  – John Proakis: James Mulligan Education Medal
• IEEE Technical Field Award Winners:
  – Tamar Basar: Control Systems Award
  – John Cioffi: Kitchmayer Graduate teaching award
  – Balaji Prabhakar: Innovations in Societal Infrastructure Award
• New IEEE Fellows (via ITSoc or otherwise)
  – Randall Berry, Shuguang Cui, Guang Gong, Vivek Goyal, Martin Haenggi, Peter Hoeher, Syed Jafar, J. Nicholas Laneman, Mingyan Liu, Angel Lozano, Balaji Rajan, Ashutosh Sabharwal, Philip Schniter, Patrick Thiran, Wade Trappe, Wei Yu
To work on this year

• Exploring new strategic directions
  – Jeff’s ad hoc committee

• Dealing with transactions size
  – Page charges/page limit + online supplements
  – More robust editorial board
  – ....

• Dealing with declining membership:
  – Does it matter (some believe it doesn’t)
  – If it does, should we do anything about it (BoG already approved differentiated fees for conferences, workshops, schools)

• Improving visibility into finances
Transactions page count

![Graph showing transactions page count from 2000 to 2013.

The y-axis represents the number of transactions, ranging from 0 to 9000.

The x-axis represents the years from 2000 to 2013.

The graph shows a consistent increase in transactions between the years, with a slight dip in 2011.

2/9/2014    ITA 2014
COM-S Membership

Year

Total Membership

0 10,000 20,000 30,000 40,000 50,000 60,000 70,000

C-S Membership

![Graph showing C-S Membership over years from 1988 to 2013. The membership counts range from approximately 8,000 to 14,000, with a peak around 1991 and a decline thereafter. The graph includes years 1988, 1989, 1990, ..., 2013.](image-url)
SP-S Membership

![Graph showing total membership from 1988 to 2013]

- Total Membership
- Year

- Membership values:
  - 1988: Approximately 15,000
  - 1989: Approximately 16,000
  - 1990: Approximately 17,000
  - 1991: Approximately 18,000
  - 1992: Approximately 19,000
  - 1993: Approximately 20,000
  - 1994: Approximately 21,000
  - 1995: Approximately 22,000
  - 1996: Approximately 23,000
  - 1997: Approximately 24,000
  - 1998: Approximately 25,000
  - 1999: Approximately 26,000
  - 2000: Approximately 27,000
  - 2001: Approximately 28,000
  - 2002: Approximately 29,000
  - 2003: Approximately 30,000
  - 2004: Approximately 31,000
  - 2005: Approximately 32,000
  - 2006: Approximately 33,000
  - 2007: Approximately 34,000
  - 2008: Approximately 35,000
  - 2009: Approximately 36,000
  - 2010: Approximately 37,000
  - 2011: Approximately 38,000
  - 2012: Approximately 39,000
  - 2013: Approximately 40,000
## Membership Comparison

<table>
<thead>
<tr>
<th>Society</th>
<th>1992</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT</td>
<td>7,070</td>
<td>3,343*</td>
</tr>
<tr>
<td>Control</td>
<td>12,288</td>
<td>9,924**</td>
</tr>
<tr>
<td>Com</td>
<td>36,241</td>
<td>53,971</td>
</tr>
<tr>
<td>SP</td>
<td>19,239</td>
<td>17,433***</td>
</tr>
</tbody>
</table>

* 52.7% drop  
** 19.2% drop  
*** 9.4% drop