State of the Society

May 2014

Alex Acero, President
IEEE Signal Processing Society

IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2014 Florence, Italy
What’s New? ... A lot!

- New Organizational Changes
- New Conferences
- New Journals
- New Technical Directions
- Membership Growth
- New Educational Activities
- New Awards

Each is highlighted in following slides
Organization

- Board of Governors (BoG)
- Executive Committee (ExCom)
- Publications Board
- Conference Board
- Technical Directions Board
- Membership Board
- Awards Board (new)
- Finance (will be President-elect)
Organization
Newly Elected in Leadership

- President-Elect:
  Rabab K. Ward
  (Univ. of British Columbia)

- Vice President–Membership:
  Kostas Plataniotis
  (Univ. of Toronto)

- Award Board Chair:
  José M. F. Moura
  (Carnegie Mellon Univ.)
Conferences - Upcoming

**IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP):**
- Florence – 2014
- Brisbane – 2015
- Shanghai – 2016
- New Orleans, LA – 2017
- **Seoul, South Korea** – 2018

**IEEE International Conference on Image Processing (ICIP):**
- Paris – 2014
- Quebec City – 2015
- Phoenix – 2016
- **Beijing, China** – 2017

**IEEE Global Conference on Signal and Information Processing (GlobalSIP):**
- Atlanta, GA – 2014
Conferences

GlobalSIP: A New Flagship

- New symposia based conference
  - Focused on current and emerging sig. proc. theoretical foundations and applications
- **Goals:** Emphasize interdisciplinary research with promising impact
- Launch: Austin, TX, 3-5 December 2013
- Next: Atlanta, GA, 1 December, 2014
- Eighteen symposia:
  - **Theoretical foundations:** graph signal processing, network sensing, low dimensional models, sensing and inference, network theory
  - **Applications:** bioinformatics, neural engineering, mobile imaging, cyber security, finance, cognitive radio, green communications, smart grid, millimeter wave imaging
Conferences - ChinaSIP

- A new SPS regional conference in China as a unique outreach platform
  - Help colleagues in China engage with global community
  - Offer global colleagues opportunities to network and develop international collaborations

- 1st ChinaSIP was launched in July 2013 in Beijing
  - Technical sessions, complemented by summer school, plenary & invited talks, professional development panels & industry panel

- 2nd ChinaSIP will be held in Xi’an July 9-13, 2014

- ChinaSIP Technical Interest Groups
  - Provide review workforce and quality assurance for the conf.
  - Facilitate technical community building in China
Conferences - New Policies

- Papers submitted to the Society’s solely owned conferences and workshops can have 4 pages of text plus a 5th page for references.

- IEEE Signal Processing Letters published papers can be presented at ICASSP or ICIP.
Technical Directions
Creation of Special Interest Groups

- Provisional groups that are created to quickly address emerging technical areas,
- With a life-span of up to three years.
- subject to a review by the TC Review Committee to determine to continue, become a TC, or be disbanded.
- The VP-Technical Directions shall identify emerging areas and create and receive proposals for Special Interest Groups, with approval by EXCOM.
- Two SIGs created: Big Data and Internet of Things
Publications
Published Pages  (1994-2013)

Publications continue to grow!
# Publications Impact

<table>
<thead>
<tr>
<th>Magazine/Media</th>
<th>Impact factor</th>
<th>Year 2012 Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trans. on Medical Imaging</td>
<td>4.027</td>
<td>8</td>
</tr>
<tr>
<td>Signal Processing Magazine</td>
<td>3.368</td>
<td>15/242 in EE</td>
</tr>
<tr>
<td>Journal of Selected Topics on SP</td>
<td>3.297</td>
<td>16</td>
</tr>
<tr>
<td>Trans. on Image Processing</td>
<td>3.199</td>
<td>17</td>
</tr>
<tr>
<td>Trans. on Signal Processing</td>
<td>2.813</td>
<td>25</td>
</tr>
<tr>
<td>Trans. on Wireless Comm.</td>
<td>2.418</td>
<td>34</td>
</tr>
<tr>
<td>Trans. on Mobile Computing</td>
<td>2.395</td>
<td>14 (CS-Info Sys)</td>
</tr>
<tr>
<td>Trans. Info Forensics and Security</td>
<td>1.895</td>
<td>54</td>
</tr>
<tr>
<td>Trans. on Multimedia</td>
<td>1.754</td>
<td>15 (CS-Software Engr.)</td>
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<tr>
<td>Trans. on Audio/Speech/Lang.</td>
<td>1.675</td>
<td>71</td>
</tr>
<tr>
<td>Signal Processing Letters</td>
<td>1.674</td>
<td>72</td>
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</tbody>
</table>
Publications – New Periodicals

- Proposed new journals
  - IEEE Trans. on Computational Imaging
  - IEEE Trans. on Signal and Information Processing over Networks

- Financial Co-Sponsored journals
  - IEEE Trans. on Cognitive Communications and Networking (20%)
  - IEEE Trans. on Big Data (7.5%)
  - IEEE Journal on Biomedical and Health Informatics (15%)

- Technical Co-Sponsored periodicals
  - IEEE Internet of Things Journal
  - IEEE Trans. on Cloud Computing
  - IEEE Cloud Computing Magazine
  - IEEE Trans. on Network Science & Engineering
  - IEEE Trans. on Molecular, Biological, and Multi-Scale Communications
  - IEEE Trans. on Computational Social Systems
  - IEEE Life Science Letters

- Existing Co-Sponsored Journals
  - IEEE Trans. on Multimedia (25%->50%)
  - IEEE Trans. Medical Imaging (15%->35%)
Publications - Changes

Merger with ACM
- Starting January 2014, the IEEE Transactions on Audio, Speech, and Language Processing and the ACM Transactions on Speech and Language Processing are now the IEEE/ACM Transactions on Audio, Speech, and Language Processing.

Signal Processing Letters
- The format for the IEEE Signal Processing Letters changed from four pages to four pages, plus one page for references only, following the change in the format for conference paper submissions. Updated: 5/2013
Note: Effective 2007, Society membership totals appear higher as a result of a change implemented in the way current memberships are counted. Memberships cancelled during renewal (Sept-Dec) for the following membership year are counted in current year end totals. In prior years, these non-renewing members were not included in totals. Effective 2008, Society membership totals reflect a decline of 9,405 memberships which included the cancellation of approx. 6,000 Engineering Management Society memberships due to the Society’s conversion to a Council. Decline also includes loss of 3,000 Computer Society affiliates.
Membership - By Region

- SPS is fourth largest technical society in the IEEE
- Approximately 17,400 members

- 1 (Northeastern US) - 8%
- 2 (Mideastern US) - 8%
- 3 (Southeastern US) - 4%
- 4 (Midwestern US) - 4%
- 5 (Southwestern US) - 5%
- 6 (Western US) - 12%
- 7 (Canada) - 3%
- 8 (Europe/Midl.Est/N.Africa) - 29%
- 9 (Central/South America) - 3%
- 10 (Asia/Pacific Rim) - 24%

US (R1-6): 41%

42% in 2012!
There are about 134 SPS chapters worldwide.
Membership - Seasonal Schools

- **Main objective** of Seasonal Schools in Signal Processing (S3P) Program (established in 2010)
  - Membership development for students with interests in signal processing.
  - [www.signalprocessingsociety.org/community/seasonal-schools/](http://www.signalprocessingsociety.org/community/seasonal-schools/)

- **Upcoming Seasonal Schools:**

<table>
<thead>
<tr>
<th>Dates</th>
<th>Location</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>July or August, 2014</td>
<td>Vancouver</td>
<td>“Signal Processing and Machine Learning for Big Data”</td>
</tr>
<tr>
<td>August 4-16, 2014</td>
<td>Romania</td>
<td>“Intensive Program on Computer Vision (IPCV)”</td>
</tr>
<tr>
<td>July or Sept, 2014</td>
<td>Italy</td>
<td>&quot;3D Content Information Processing. From Capture to Delivery&quot;</td>
</tr>
</tbody>
</table>
Membership - SigView

- **SigView** ([www.sigview.org](http://www.sigview.org)) is an online video library, which is an open benefit for all SPS members, allowing you to create, host, link and distribute videos of talks, lectures, tutorials or any other media. Currently, there are 34 SigViews posted. In March 2014, there were 907 views, with a total of 2,658 views since the beginning of the year.

- SigView Editorial Board approved with Chief Editor John McAllister

Keeping up-to-date with social media

- IEEE Signal Processing Society Group
  - [www.facebook.com/ieeeSPS](http://www.facebook.com/ieeeSPS)
  - @SPSotl
Membership - SigPort

- **Signal Processing Repository** - SigPort
  - An online archive of draft manuscripts, reports, student theses and supporting materials.

- Provide an *early citable access* to reports that users wish to share with *time-stamp*
  - Complement formal publication in conf./journals with EDICS
  - Authors retain copyright and free to submit for publication
  - Possibly serve as pre-submission to formal publications
  - Moderate fee to ensure sustainable archiving

- **Phase-1 Pilot** development plan is underway
  - SigView Editorial Board approved with Chief Editor Min Wu
  - Expect to launch an experimental trial in late 2014
Membership - Student Services

- **Student Career Luncheon:**
  - A new activity organized for students and companies to meet
  - Jointly work by the *Student Services Committee* and the *Industrial Relations Committee* as a regular feature at ICASSPs
  - The second Luncheon will be held at ICASSP 2014 on 8 May
  - 180 students/fresh graduates and about 40 people from 14 companies registered to attend the event.
  - Total sponsorship received is over $10,000.

- **“Signal Processing Cup” Competition for Students:**
  - Opportunity for grad & undergrad students to form teams and work together to solve a challenging and interesting real-world problem using signal processing techniques and methods.
  - Sponsored by MathWorks with cash and software!
  - Inaugural event is scheduled for ICASSP 2014 on 8 May.
  - The number of teams registered was 26, of which, 12 teams submitted their work for the competition. Three teams were selected for the final competition at ICASSP `14.

- **IEEE SPS Travel Grants:** The committee is responsible for selecting travel grantees to attend ICASSP and ICIP.
WIKI Project

- Wikipedia has become one of the most widely-used resources on signal processing
  - Nyquist–Shannon sampling theorem page is viewed on average 1000x a day
  - Editing of a Wikipedia article can easily exceed the impact and visibility of writing a paper

Wikipedia Workshop at ICASSP

- Discussed an action plan at ICASSP ‘13 of a “Wiki project on Signal Processing” with volunteers working together to improve SP articles on Wikipedia:
  - Participants were ask to think of specific (types of) articles that may require improvement and articles they could help to improve
- Currently, Signal Processing Wiki Project lists 96 subcategories and 1164 pages under it in Wikipedia.
Awards - SPS

- IEEE James A. Flanagan Speech and Audio Processing Technical Field Award (est. 2002)
- IEEE W.R.G. Baker Prize Paper Award (reinstated 2011)
- IEEE Fourier Award for Signal Processing (newly approved)

- Society Award
- Technical Achievement Award
- Education Award
- Meritorious Service Award
- Best Paper Award
- Overview Paper Award (newly approved)
- Signal Processing Letters Best Paper Award (newly approved)
- Signal Processing Magazine Best Paper Award
- Signal Processing Magazine Best Column Award
- Sustained Impact Paper Award (newly approved)
- Young Author Best Paper Award
## Finance - SPS Budget

<table>
<thead>
<tr>
<th></th>
<th>2011 Actuals</th>
<th>2012 Actuals</th>
<th>2013 Budget</th>
<th>2014 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publications Revenue</td>
<td>$3,940.9</td>
<td>$4,292.1</td>
<td>$4,534.0</td>
<td>$3,847.0</td>
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<tr>
<td>Conferences Revenue</td>
<td>$4,748.4</td>
<td>$4,252.2</td>
<td>$5,242.8</td>
<td>$5,670.7</td>
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<tr>
<td>Society Dues Revenue</td>
<td>$360.9</td>
<td>$410.9</td>
<td>$390.3</td>
<td>$410.2</td>
</tr>
<tr>
<td>Total Revenue</td>
<td>$9,050.2</td>
<td>$8,956.6</td>
<td>$10,167.1</td>
<td>$9,928.0</td>
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<tr>
<td>Total Expenses</td>
<td>$10,279.0</td>
<td>$7,734.0</td>
<td>$9,935.2</td>
<td>$9,582.3</td>
</tr>
<tr>
<td>Net</td>
<td>($1,228.9)</td>
<td>$1,222.6</td>
<td>$231.9</td>
<td>$345.7</td>
</tr>
<tr>
<td>Reserves</td>
<td>$14,180</td>
<td>$15,650</td>
<td>$19,880</td>
<td></td>
</tr>
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</table>
Volunteering Opportunities

- Review papers for journals/conferences
- Become part of the editorial boards
  (appointed by Journal’s editors-in-chief; vetted by Pub Bd)
- Organize conferences and seasonal schools
- Propose tutorials for online education program
- Get involved in technical committees
  - Practically any SPS member and even some non-members can become Affiliate Members (non-elected, non-voting members) of a particular TC
- Volunteer for elected leadership positions
- (more)
Where to Find This Talk?

- Go to IEEE Signal Processing Society at http://www.signalprocessingsoociety.org/
  - Under “About SPS”, see “State of the Society”
  - Additional slides at end provide more information
What Can We Do for You?

- **President**: Alex Acero
- **President-Elect**: Rabab Ward
- **Vice President-Membership**: Kostas Plataniotis
- **Vice President-Conferences**: Wan-Chi Siu
- **Vice President-Finance**: Alex Kot
- **Vice President-Publications**: Mari Ostendorf
- **Vice President-Technical Directions**: Charles Bouman
Additional Information
IEEE Signal Processing Society (SPS) Organizational View

SPS BoG

SPS ExCom

SPS Publications Board

SPS Conference Board

SPS Technical Directions Board

SPS Membership Board

SPS Awards Board

EIC EIC EIC

GC GC TDB TCC TCC RD DMS DIR
Recent Organizational Changes

- **Separation of Membership and Award Boards**
  - New Vice President–Membership
  - New Award Board Chair: a non-voting BoG member

- **President-Elect will be Society Treasurer from 2015**
  - Will replace the position of Vice President-Finance

- **New election process for President-Elect:**
  - Presentation of candidates, discussion, and vote during annual BoG meeting at ICASSP
Awards - Update

- Change of award nomination process
  - Accept nominations from all boards, committees, and individuals

- Change of award selection process – Awards Board will vet on all nominations

- No board/committee can nominate its own members in order to minimize potential conflict of interests ...
SPS Publications:
Page Budgets

Trans. on Audio ➔
Trans. Audio & Electroacoustics ➔
T-ASSP ➔ T-SP

In total, 17,492 pages were published in 2013!

Other SPS Pubs in 2013

<table>
<thead>
<tr>
<th></th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trans. on Audio, Speech and Lang. Proc. (since 1993)</td>
<td>2,233</td>
</tr>
<tr>
<td>Trans. on Image Proc. (since 1992)</td>
<td>4,139</td>
</tr>
<tr>
<td>Trans. on Info. Forensics and Security (since 2006)</td>
<td>1,712</td>
</tr>
<tr>
<td>SP Letters (since 1994)</td>
<td>919</td>
</tr>
<tr>
<td>Journal of Selected Topics in SP (since 2007)</td>
<td>946</td>
</tr>
<tr>
<td>SP Magazine (since 1984)</td>
<td>1056</td>
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</tbody>
</table>
ICASSP and ICIP Attendance

<table>
<thead>
<tr>
<th>Year</th>
<th>ICASSP Locations</th>
<th>ICIP Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Istanbul, Turkey</td>
<td>Vancouver, Canada</td>
</tr>
<tr>
<td>2001</td>
<td>Salt Lake City, UT</td>
<td>Thessaloniki, Greece</td>
</tr>
<tr>
<td>2002</td>
<td>Orlando, FL</td>
<td>Rochester, NY</td>
</tr>
<tr>
<td>2003</td>
<td>Hong Kong</td>
<td>Barcelona, Spain</td>
</tr>
<tr>
<td>2004</td>
<td>Montreal, Canada</td>
<td>Singapore</td>
</tr>
<tr>
<td>2005</td>
<td>Philadelphia, PA</td>
<td>Genova, Italy</td>
</tr>
<tr>
<td>2006</td>
<td>Toulouse, France</td>
<td>Atlanta, GA</td>
</tr>
<tr>
<td>2007</td>
<td>Honolulu, Hawaii</td>
<td>San Antonio, TX</td>
</tr>
<tr>
<td>2008</td>
<td>Las Vegas, NV</td>
<td>San Diego, CA</td>
</tr>
<tr>
<td>2009</td>
<td>Taipei, Taiwan</td>
<td>Cairo, Egypt</td>
</tr>
<tr>
<td>2010</td>
<td>Dallas, Texas</td>
<td>Hong Kong</td>
</tr>
<tr>
<td>2011</td>
<td>Prague, Czech Republic</td>
<td>Brussels</td>
</tr>
<tr>
<td>2012</td>
<td>Kyoto, Japan</td>
<td>Orlando, FL</td>
</tr>
<tr>
<td>2013</td>
<td>Vancouver, BC, Canada</td>
<td>Melbourne, Australia</td>
</tr>
</tbody>
</table>

Updated: 4/2014
Technical Committees: Then and Now

Year 1976
- Digital signal processing
- Digital measurement of noise
- Electroacoustic transducers
- Speech processing
- Underwater acoustics

Year 1987
- Audio and electroacoustics
- Digital signal processing
- Multidimensional signal processing
- Spectral estimation and modeling
- Speech processing
- Underwater acoustics
- VLSI for signal processing

Evolved and Broadened Scope of Signal Processing

Year 2013
- Audio and electroacoustics
- Bio imaging and signal processing
- Design and implementation of signal processing and systems
- Image, video, and multidimensional signal processing
- Information forensics and security
- Machine learning for SP
- Multimedia SP
- Sensor array and multichannel
- SP for communication and networking
- SP theory and methods
- Speech and language processing
- Industry DSP technology
- Signal processing education – moved under Membership Board
# TCs and Affiliated Community

<table>
<thead>
<tr>
<th>TC</th>
<th>ICASSP 2013 Submissions</th>
<th>ICASSP % of Submissions</th>
<th>Affiliates</th>
<th>Affi (%)</th>
<th>Affi/Sub</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASP</td>
<td>354</td>
<td>10.6%</td>
<td>81</td>
<td>6.4%</td>
<td>0.60</td>
</tr>
<tr>
<td>BISP</td>
<td>164</td>
<td>4.9%</td>
<td>45</td>
<td>3.5%</td>
<td>0.71</td>
</tr>
<tr>
<td>DISPS</td>
<td>100</td>
<td>3.0%</td>
<td>63</td>
<td>5.0%</td>
<td>1.67</td>
</tr>
<tr>
<td>IFS</td>
<td>93</td>
<td>2.8%</td>
<td>126</td>
<td>9.9%</td>
<td>3.54</td>
</tr>
<tr>
<td>IVMSP</td>
<td>479</td>
<td>14.3%</td>
<td>149</td>
<td>11.7%</td>
<td>0.82</td>
</tr>
<tr>
<td>IDSP</td>
<td>33</td>
<td>1%</td>
<td>12</td>
<td>.9%</td>
<td>.90</td>
</tr>
<tr>
<td>MMSP</td>
<td>74</td>
<td>2.2%</td>
<td>155</td>
<td>12.1%</td>
<td>5.50</td>
</tr>
<tr>
<td>MLSP</td>
<td>196</td>
<td>5.9%</td>
<td>95</td>
<td>7.5%</td>
<td>1.27</td>
</tr>
<tr>
<td>SAM</td>
<td>217</td>
<td>6.5%</td>
<td>96</td>
<td>7.5%</td>
<td>1.15</td>
</tr>
<tr>
<td>SL</td>
<td>764</td>
<td>22.8%</td>
<td>186</td>
<td>14.6%</td>
<td>.64</td>
</tr>
<tr>
<td>SPCOM</td>
<td>387</td>
<td>11.6%</td>
<td>181</td>
<td>14.2%</td>
<td>1.22</td>
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<tr>
<td>SPTM</td>
<td>479</td>
<td>14.3%</td>
<td>85</td>
<td>6.7%</td>
<td>0.47</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>3346</strong></td>
<td></td>
<td><strong>1274</strong></td>
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## Completed Seasonal Schools

<table>
<thead>
<tr>
<th>Dates</th>
<th>Location</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 8-14, 2013</td>
<td>Croatia</td>
<td>“Biomedical Image Processing and Analysis”</td>
</tr>
<tr>
<td>Sept. 3-6, 2012</td>
<td>Turkey</td>
<td>“Game Audio”</td>
</tr>
<tr>
<td>Aug. 20-24, 2012</td>
<td>UK</td>
<td>&quot;High Performance DSP &amp; FPGA implementation of SP Systems&quot;</td>
</tr>
<tr>
<td>July 2-6, 2012</td>
<td>Australia</td>
<td>&quot;Social Media Processing&quot;</td>
</tr>
<tr>
<td>July 2-6, 2012</td>
<td>Taiwan</td>
<td>&quot;Compressive Sensing and MIMO Signal Proc. Systems&quot;</td>
</tr>
<tr>
<td>Jan. 16-20, 2012</td>
<td>Greece</td>
<td>&quot;Speech and Audio Processing for Immersive Environments and Future Interfaces&quot;</td>
</tr>
<tr>
<td>Sept. 3-7, 2011</td>
<td>Austria</td>
<td>&quot;Networked Embedded Systems&quot;</td>
</tr>
<tr>
<td>July 4-8, 2011</td>
<td>Taiwan</td>
<td>&quot;3D &amp; High Definition/High Contrast Video Proc. Systems&quot;</td>
</tr>
</tbody>
</table>
# The Big Five IEEE Societies

<table>
<thead>
<tr>
<th>Society</th>
<th>Members</th>
<th>Undergrad Students</th>
<th>All (with Affiliates)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer</td>
<td>48,928</td>
<td>4,382</td>
<td>64,497</td>
</tr>
<tr>
<td>ComSoc</td>
<td>47,185</td>
<td>5,649</td>
<td>53,971</td>
</tr>
<tr>
<td>Power</td>
<td>29,346</td>
<td>2,736</td>
<td>32,373</td>
</tr>
<tr>
<td>SPS</td>
<td>16,790</td>
<td>501</td>
<td>17,433</td>
</tr>
<tr>
<td>Microwave</td>
<td>11,482</td>
<td>286</td>
<td>11,804</td>
</tr>
</tbody>
</table>

- Reversed the downward trend and started to grow!
- SPS is the largest society without its own division!

(Dec 2013 data)
Industrial Relations

- **Ambassador Program**
  - identifying ambassadors representing each company
  - to establish programs, courses, and events that are of value to the companies
  - In 2013, a LinkedIn page was created and currently, the program has 30 ambassadors

- **Emerging Signal Processing Applications (ESPA) Conference**
  - Held in 2012
  - Consider to hold again in 2015
SPS Budget and Finance

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Operation Revenue</td>
<td>7.13</td>
<td>7.04</td>
<td>9.11</td>
<td>8.75</td>
<td>7.96</td>
<td>8.49</td>
<td>8.32</td>
<td>9.05</td>
<td>8.96</td>
<td>10.17</td>
</tr>
<tr>
<td>Operation Surplus</td>
<td>1.68</td>
<td>1.44</td>
<td>2.06</td>
<td>1.08</td>
<td>0.683</td>
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<td>0.608</td>
<td>0.202</td>
<td>0.124</td>
<td>0.958</td>
</tr>
</tbody>
</table>

('12 FM-14)
Challenges Ahead

- **Publication**
  - Reducing revenues due to IEL distribution
  - Further improve quality, impact factors
  - TSP/TIP too thick? More new topical journals?

- **Membership**
  - Create more values and benefits
  - Outreach to emerging regions

- **Finance**
  - More services and programs – more expenses!
  - Create more new products and models?
Challenges Ahead

- **Conference:**
  - How to support regional activities?
  - Balance between US and international

- **Technical Activities:**
  - Build a strong sense of community in TCs
  - Timely embrace new emerging topics

- **Society:**
  - Awareness/Visibility in the public at large

Foresee the future and position ahead!
Awareness/Visibility ad hoc Committee

- EXCOM formed a SP Awareness Committee consists of EXCOM members and some invited guests, chaired by President.
- A content team was chaired by Fred Juang, and the other media team was chaired by Charlie Bouman.
- Conference calls in conjunction with ExCom meetings.
- Developing objectives/goals, and actionable plans.
- Interested in supporting visibility activities, email: sp.info@ieee.org