VP Member Services Report

Montreal 2017 Spring Meeting
Chapter Situation

• Active chapters so far: 8
• Expected new chapter(s): 1 (Thomas from Washington)
• Reasonable world coverage
• Reasonable continuous chapter addition
## System Council Chapters

<table>
<thead>
<tr>
<th>Location</th>
<th>Date of formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
<td>2008</td>
</tr>
<tr>
<td>Coastal Los Angeles</td>
<td>2009</td>
</tr>
<tr>
<td>Toronto</td>
<td>2011</td>
</tr>
<tr>
<td>Shanghai</td>
<td>2014</td>
</tr>
<tr>
<td>South Africa</td>
<td>2015</td>
</tr>
<tr>
<td>Mohawk Valley</td>
<td>2016</td>
</tr>
<tr>
<td>Long Island</td>
<td>2016</td>
</tr>
<tr>
<td>United Kingdom and Ireland</td>
<td>2017</td>
</tr>
<tr>
<td>Washington</td>
<td></td>
</tr>
</tbody>
</table>
System Council Chapters
System conference(s) attendance

• Reasoning to highlight correlations chapters/attendance

• Analysis on last two (2016) conferences:
  – IEEE International Systems Conference (Orlando, FL)
  – IEEE International Symposium on Systems Engineering (Edinburgh, UK)

• The results are interesting as we have many papers (and authors) and two different locations in USA and Europe

• Paper associated to country of first author, countries with one paper not considered in the plots
Comment: in USA we see a strong increase of US people
Comment: in Europe we see a strong increase of Italian people
Chapters & attendance
(sum of the two conferences)

<table>
<thead>
<tr>
<th>Country</th>
<th>Chapters</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>3+1</td>
<td>89</td>
</tr>
<tr>
<td>CHINA</td>
<td>1</td>
<td>16</td>
</tr>
<tr>
<td>UK</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>ITALY</td>
<td>1</td>
<td>11</td>
</tr>
<tr>
<td>GERMANY</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>FRANCE</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>SOUTH AFRICA</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Comments:
1. Clear correlation between attendance and number of chapters
2. Germany and France give a remarkable attendance without a chapter
3. South Africa has a chapter but negligible attendance
BS/MS Degrees on System Engineering

• International Council on System Engineering (INCOSE), keeps track of courses.
  BTW: people from INCOSE sent a couple of papers to our conferences.

• 53 countries have courses which claim to be the system engineering area

• Intriguing course distribution
  (plot for countries with 6+ courses)
Course distribution

Comments:
1. USA has a lot of courses, followed by France and UK (and Canada). These countries send many papers to our conferences; USA, UK, Canada have Chapters
2. ‘Developing & emerging’ countries have a lot of courses in the SE area
Societies

• Aerospace and Electronic Systems
• Circuits and Systems
• Computational Intelligence
• Communications
• Control Systems
• Instrumentation and Measurement
• Microwave Theory and Techniques
• Oceanic Engineering
• Power Electronics
• Product Safety Engineering
• Robotics and Automation
• Systems, Man, and Cybernetics