2018 PECAS TC Activity Report
1. **Conferences or workshops:**


2. **Participation in the Distinguished Lecturers Program:**

| | | [4] "Energizing and Powering Microsystems," Distinguished Lecture (DL) IEEE Circuits and System Society Chapter (CASS) in Santiago, Chile, |
### 3. Editorial Service:

<table>
<thead>
<tr>
<th>Professor</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>1.</strong> Prof. Giulia Di Capua</td>
<td>[1] Guest Editor for a Special Issue of the Journal &quot;Integration, the VLSI Journal&quot;, publication expected: July 2018.</td>
</tr>
</tbody>
</table>
| **2.** Prof. Junrui Liang | [1] IET Circuits, Devices & Systems, Associate Editor, 2018/03-2021/03/08.  
[7] Technical Program Committee Member (Track 15 - Power management), 44th European Solid-State Circuits Conference (ESSCIRC2018), September 3-6, 2018, Dresden, Germany.  
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| 5. Prof. Abdelali El Aroudi | 1. Associate Editor of Modelling and Simulation in Engineering, 2012-to-date  
2. Associate Editor of IET Power Electronics, 2014-to-date  
3. Associate Editor of IET Electronics Letters, 2015-to-date  
4. Guest Associate Editor of IEICE Transactions NOLTA 2018  
5. Guest Associate Editor of Energies, 2018  
6. Guest Associate Editor of IEEE Transactions on Circuits and Systems II, 2018  
7. Associate Editor of IET Circuits, Devices & Systems, 2018  
8. Technical Program Committee Member, 2017 International Renewable and Sustainable Energy Conference, Dec 4-7, Tangier, Morocco.  
|-----------------------------|

2. General Chair of IEEE International Future Energy Electronics Conference 2017 |
|-----------------------------|

| 7. Prof. Tyrone Fernando | 1. Associate editor of IEEE Transactions on Circuits and Systems II.  
2. Associate editor of IEEE ACCESS.  
### 4. Publications (Journal Articles, Conference Papers, Books, Book Chapters):

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<tr>
<th>No.</th>
<th>Prof.</th>
<th>Journal Articles</th>
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<td>Journal Articles</td>
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Conference Papers


4. Prof. Guido Torelli

Conference Papers


Journal Papers


Conference Papers


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<th>Name</th>
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<th>Conference Papers</th>
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</table>
5. Patents


6. Awards, Honors:


7. Other IEEE Service:

| 1. | Prof. Ke-Horng Chen | Director of Board, IEEE Taipei Section, since 2017. |
8. Other Professional Service:

9. Media and Popular Press:

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<th>Prof. Giulia Di Capua</th>
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10. Highlights on cooperation within the TC and with other TCs

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<th>Prof. Giulia Di Capua</th>
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<tbody>
<tr>
<td>1</td>
<td>[1] Organizer of a Special Session for ISCAS 2018, on the subject &quot;Modeling, design, diagnostics and control of power converters with nonlinear passive power components&quot; with Alberto Oliveri (NCAS member)</td>
</tr>
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</table>

Endorsement of Conferences and Workshops
The TC practiced in the endorsement of the conference DCIS in Barcelona (https://dcis2017.upc.edu/en)