

## Activity & Progress Reporting

### Section Autumn Meeting - 20<sup>th</sup> October 2023

<b>1. Chapter/Affinity Group:</b>	IEEE UK & Ireland Chapter, Power Electronics Society - PEL35 CH08113
<b>2. Committee Members</b>	Bing Ji (Chair, Leicester University), Sheng Wang (Vice Chair, Cardiff University), Jinlei Chen (Cardiff University), Gerard Hurley (Ireland National University), Peter Wilson (Bath University), Patrick Wheeler (Nottingham University), Patrick Luk (Cranfield University), Sarath Tennakoon (Stafford University), Ahmed Zobiaa (Brunel University), Aris Karcianas (FTI Consulting), and Jun Liang (Past Chair, Cardiff University)
<b>3. Reporting Officer:</b>	Bing Ji (Chair) and Sheng Wang (Vice Chair)
<b>4. Overview of current plan and activities:</b>	<ol style="list-style-type: none"> <li>i. Sponsoring the best PELS Doctoral Thesis Award with submission deadline on 31/10/2023</li> <li>ii. Co-sponsoring the 2<sup>nd</sup> Career Development Day on 04/10/2023 with IEEE WiE Dr. Bing Ji presented the best poster award to winners.</li> <li>iii. Hosted the IEEE PELS DL (Distinguished Lecturer) speech at Leicester University – 19-Jul-2023.</li> <li>iv. Hosted the IEEE PELS DL at Cambridge University 18-Jul-2023.</li> <li>v. Hosted several IEEE UK&amp;I PELS Chapter Committee Meetings</li> <li>vi. Appointing a new Chapter Secretary, Dr Jinlei Chen, for helping organising events with the Chapter.</li> </ol>
<b>5. Key Achievements and member value/services to date:</b>	<ul style="list-style-type: none"> <li>• Submitted two IEEE Power Electronics Magazine News Reports for October 2023 version.</li> <li>• Actively engaged with technical supporting, sponsoring and hosting power electronics events as per reports in Section 4.</li> </ul>
<b>6. Key Challenges:</b>	<ul style="list-style-type: none"> <li>• Continuous effort for networking with leading organizations/universities/companies will be needed to actively promote and organise Chapter events.</li> <li>• More Sectional financial support, and registrations of student PELS members would be required to establish a Student Branch Chapter.</li> <li>• Effort will be needed to engage with and support local SBC.</li> </ul>
<b>7. Deficits/Required Resources:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>8. Actions/Support requested from the Section:</b>	<ul style="list-style-type: none"> <li>• Sectional or society financial support for local PELS workshops</li> </ul>

<p><b>9. Action Plan:</b></p>	<p>To continue sponsor and contribute to conferences, workshops, and webinars, potential flagship events might include PEMD 2024 and CPE2024.</p> <p>To promote chapter via Distinguished Lecturer speech, webinars and other events. Two more Distinguished Lecturer speeches will be arranged through webinar, detailed dates to be announced.</p> <p>To explore new SBC opportunities. Efforts will be made to establish a new SBC in the UK.</p> <p>To complete the Best Thesis Award 2023 for the PhD candidates in power electronics via the review panel of experts from different universities to encourage PhD students who will have finished their thesis to apply for this award.</p>
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