

Activity & Progress Reporting

Section Autumn Meeting - 27th October 2022

1. Chapter/Affinity Group:	IEEE UK & Ireland Chapter, Power Electronics Society - PEL35 CH08113
2. Committee Members	Bing Ji (Chair, Leicester University), Sheng Wang (Vice Chair, Cardiff University), Gerard Hurley (Ireland National University), Peter Wilson (Bath University), Patrick Wheeler (Nottingham University), Patrick Luk (Cranfield University), Sarath Tennakoon (Stafford University), Ahmed Zobaa (Brunel University), Aris Karcianas (FTI Consulting), and Jun Liang (Past Chair, Cardiff University)
3. Reporting Officer:	Bing Ji and Sheng Wang
4. Overview of current plan and activities:	<ul style="list-style-type: none"> i. The IEEE Workshop on Wide Bandgap Power Devices and Applications in Europe (WiPDA-Europe 2022) (IEEE Attended: 30, Guests Attended: 90) – 19-20 Sep 2022 ii. 11th International Conference on Power Electronics, Machines and Drives (PEMD 2022) (IEEE Attended: 25, Guests Attended: 200+) – 21-23 Jun 2022 iii. IEEE PELS Day Activity and Introduction of IEEE (IEEE Attended: 6, Guests Attended: 100+) – 29-Jun 2022 iv. IEEE PELS DL at Oxford University – 10-Jun-2022 v. IEEE PELS DL at Cambridge University 31-May-2022 vi. IEEE UK&I PELS Chapter Committee Meeting 29-Jun-2022 <p>...</p>
5. Key Achievements and member value/services to date:	<ul style="list-style-type: none"> • IEEE Power Electronics Magazine News Report (Vol 9, Iss 3, Sep 2022)....
6. Key Challenges:	<ul style="list-style-type: none"> • Due to time and space differences, it is challenging to motivate all members for flagship events. But online and day events are manageable by 2-3 members.....
7. Deficits/Required Resources:	<ul style="list-style-type: none"> •
8. Actions/Support requested from the Section:	<ul style="list-style-type: none"> • Sectional or PELS society financial support for food and drinks <p>...</p>
9. Action Plan:	<ul style="list-style-type: none"> vii. To promote the chapter via DL, webinars and in-person events by collaborating with other chapters/sections where appropriate. viii. Establish new initiatives with UKRI DER. ix. To engage with national and global PELS Fellows. x. To explore new SBC opportunities.