

Activity & Progress Reporting

Section Autumn Meeting - 13th November 2020

<p>1. Chapter/Affinity Group:</p>	<p>Photonics Chapter (PHO 36)</p>
<p>2. Committee Members</p>	<ul style="list-style-type: none"> • Richard Pitwon (Chair) • Aytun Erdentug (Vice Chair) • Filipe Ferreira (Treasurer) • Lee Crudgington (Secretary) • Amelie Grenier (Assistant Secretary) • Akhil Kallepalli (Media and Outreach officer) • Moises Jezzini (Webmaster) • Chao Wang (Publications Officer)
<p>3. Reporting Officer:</p>	<p>Richard Pitwon</p>
<p>4. Overview of current plan and activities:</p>	<ol style="list-style-type: none"> i. Webinars (1-hour lectures by stake-holders in different areas of photonics) ii. Web-symposia – 2.5-hour sessions comprising up to six 25-minute talks from international stake-holders. Multiple web-symposia to be arranged on diverse topics including electro-optic circuit boards, photonic integrated circuits, quantum communication, quantum computation and medical sensors. <ol style="list-style-type: none"> a. IEC/IEEE Joint Symposium on Electro-Optical Circuit Boards held on 15th October iii. Web tutorial – 2 hour extended deep-dive lecture iv. Event support (technical or financial) of related conferences including Photonics Ireland 2020, ECOC 2020, 8th Symposium for Optical interconnect in Data Centres, Brazil-Scotland Meetings on Structured Light 2020
<p>5. Key Achievements and member value/services to date:</p>	<ul style="list-style-type: none"> • IEEE British and Irish Conference for Optics and Photonics (BICOP) founded in 2018. <ul style="list-style-type: none"> • Inaugural 1st IEEE BICOP (BICOP 2018) successfully organised and held 12th to 14th December 2019 in the Royal Society. • 2nd IEEE BICOP (BICOP 2019) successfully organised and held 11th to 13th December 2019 at the IET London. Small profit achieved. • Support secured by both Photonics Society and EPS for future BICOP conferences • Support of other conferences including Photonics Ireland 2018, ECOC 2018, ECOC 2019, Photonex Enlighten 2018, Photonex Enlighten 2019, Brazil-Scotland Meetings on Structured Light 2020 • Formal liaison with IEEE CPMT Society Japan (ICSJ 2020), which is an EPS conference.
<p>6. Key Challenges:</p>	<ul style="list-style-type: none"> • Substantial organisation effort required • Limited time available from chapter officers and TPC.

	<ul style="list-style-type: none"> • Nonetheless chapter officers have collectively devoted hundreds of hours to the organisation of BICOP 2018 and 2019
<p>7. Deficits/Required Resources:</p>	<ul style="list-style-type: none"> • After discussion with ExCom BICOP 2020 will be held virtually and so venue costs will be saved • IEEE conference guidance and technical support required. This was requested in the past, but very little actual useful support provided. • PHO36 chapter officers founded and organised BICOP 2018 and BICOP 2019 with negligible technical support or guidance (apart from funding)
<p>8. Actions/Support requested from the Section:</p>	<ul style="list-style-type: none"> • Request technical support / guidance from IEEE conference section (not necessarily UK and I section, but IEEE) for: <ul style="list-style-type: none"> • Webinar organisation • Conference organisation
<p>9. Action Plan:</p>	<ul style="list-style-type: none"> • Focus on organisation of BICOP 2020 webinars and web symposia