

Activity & Progress Reporting

Section AGM 24th April 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. Organisation of 3rd IEEE BICOP (BICOP 2020) to be held 16th to 18th December 2020 at the IET in London (unconfirmed) ii. Webinars (short) and web tutorials (long) to be arranged on diverse topics including photonic integrated circuits, quantum communication, quantum computation and medical sensors. iii. Event support (technical or financial) of related conferences including Photonics Ireland 2020, ECOC 2020, IEEE CPMT Society Japan (ICSJ 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. • 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 of other conferences including Photonics Ireland 2018, ECOC 2018, ECOC 2019, Photonex Enlighten 2018 • 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. Nonetheless chapter officers collectively devoted hundreds of hours to the organisation of a successful conference
<p>7. Deficits/Required Resources:</p>	<ul style="list-style-type: none"> • Funding for IET venue in December required. This will be offset by registrations and sponsorship • IEEE conference guidance and technical support required. This was requested in the past, but very little actual useful support provided.

	<ul style="list-style-type: none"> • PHO36 chapter officers founded and organised BICOP 2018 and BICOP 2019 with negligible technical support or guidance (apart from funding)
<p>8. <i>Actions/Support requested from the Section:</i></p>	<ul style="list-style-type: none"> • Request funding for IET venue for BICOP 2020 (venue already reserved) • 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. <i>Action Plan:</i></p>	<ul style="list-style-type: none"> • Focus on organisation of BICOP 2020 event • Organisation of summer webinars on topics of interest: Medical sensors, Quantum communication, Photonic integrated circuits