# Activity & Progress Reporting

## Section AGM 24th April 2020

### 1. Chapter/Affinity Group:

| Photonics Chapter (PHO 36) |

### 2. Committee Members:

- 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)

### 3. Reporting Officer:

| Richard Pitwon |

### 4. Overview of current plan and activities:

- **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)

### 5. Key Achievements and member value/services to date:

- 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.

### 6. Key Challenges:

- 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

### 7. Deficits/Required Resources:

- 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.
8. Actions/Support requested from the Section:

- 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:
  - Webinar organisation
  - Conference organisation

9. Action Plan:

- Focus on organisation of BICOP 2020 event
- Organisation of summer webinars on topics of interest: Medical sensors, Quantum communication, Photonic integrated circuits