

Chapter/Affinity Group: Photonics Chapter (PHO36)

Reported by: Richard Pitwon (Chair)



Key Achievements & member services in 2020

- **Horizons for Optical and Photonics Emerging Sciences (HOPES) series – Nov / Dec 2020 (A. Kallepalli)**
 - 8 separate webinars by leading academics spanning different topics
- **STEM outreach (Moises Jezzini)** – Classroom photonics demonstrations in Irish schools
- **Joint Symposium on Electro-Optical Circuit Boards - 15th October 2020 (R. Pitwon)**
 - Joint webinar between IEEE and IEC coinciding with IEC General Meeting
- **Joint Symposium on Standards for Quantum Technologies – 23rd March 2021 (R. Pitwon)**
 - 1st joint IEEE, IEC and ITU event, over 600 registrations, 439 attendees
- **DragonFly Mental Health for Scientists: Challenges in Isolation – 8th April 2021 (A. Kallepalli, A. Vasylychenkova)**
 - Webinars by Wendy Ingram CEO of Dragonfly Mental Health

Current plan of activities for 2021

- **Joint Symposium on Quantum Transport – 28th April 2021 (R. Pitwon)**
 - Webinar hosted by IEEE, ITU and IEC (confirmed)
- **HOPES series (A. Kallepalli, A. Vasylychenkova)**
 - Second series of webinars by leading academics expected first half 2021
- **Spotlight series (R. Pitwon)**
 - Series of talks from optics and photonics industry leaders with extended panel discussions with students representing UK and Ireland Universities
- **Event support**
 - Technical, promotional support IEEE CPMT Society Japan (ICSJ 2021), SPIE Photonex 2021, ECOC 2021

Focus areas (2020-2021)

2020 Goals	2020 KPIs met?	2021 Goals	Challenges to reach KPIs/ Resources
Webinars, web-symposia (at least 100 registrants)	Yes	Continuation of webinar, web-symposia	Need IEEE technical support on Webinar organisation