

Activity & Progress Reporting

Section Autumn Meeting - 20th October 2023

1. Chapter/Affinity Group:	IEEE Oceanic Engineering Society UK and Ireland Chapter
2. Committee Members	Prof. Radhakrishna Prabhu (Chair) Prof. John Watson (Vice-Chair) Mr Brian Horsburgh (Secretary) Dr. Thanga Thevar (Treasurer) Dr. Wai Keung Fung Mr. Dermot Tynan Dr. Zonghua Liu
3. Reporting Officer:	Prof. Radhakrishna Prabhu (Chair)
4. Overview of current plan and activities:	<ol style="list-style-type: none"> 1. Arrange Webinars 2. Arrange IEEE distinguished lectures 3. Develop plan for cross Chapter activities. 4. Explore membership enhancement opportunities. 5. IEEE Subsea Innovation Technologies and Marine Workshop, 23rd Feb '24 at Aberdeen.
5. Key Achievements and member value/services to date:	<ol style="list-style-type: none"> 1. Webinar on '<i>BEYOND TRADITIONAL AI: THE NOVEL PARADIGM OF THE SCIENTIFIC MACHINE LEARNING</i>' by Prof. Salvatore Cuomo, University of Naples Federico II (UNINA), Italy, 27th April 2023, 2. Webinar on '<i>NASA'S EUROPA CLIPPER MISSION: A DEEP DIVE INTO AN OCEAN WORLD</i>', by Dr. Tracy Becker, Department of Space Research. Southwest Research Institute, San Antonio, Texas, 10th May 2023 3. Webinar on '<i>CHALLENGES OF UNDERWATER WIRELESS COMMUNICATION</i>', Dr. Nazila Fough, Robert Gordon University, Scotland, 19th May '23 4. IEEE/MTS OCEANS'23 conference at Limerick, Ireland, 5-8 June '23. 5. Organised OES UKRI Chapter AGM on 6th June '23 at Limerick. 6. International Women in Engineering Day (INWED) on 23rd June 2023, jointly organised with Robert Gordon University (RGU), IEEE young



United Kingdom and Ireland Section

	<p>professionals & IEEE OES UKRI chapter at Aberdeen.</p> <p>7. In-person seminar on '<i>OPTICAL FIBRE SENSOR TECHNOLOGIES AND THEIR ENGINEERING APPLICATIONS</i>' by Dr. Ginu Rajan, Director, CeRISS, Cardiff Metropolitan University, Cardiff. on 30th June 2023 at 10.30 AM, at RGU, Aberdeen.</p>
<p>6. Key Challenges:</p>	<ul style="list-style-type: none">• Engagement from the members
<p>7. Deficits/Required Resources:</p>	<ul style="list-style-type: none">•
<p>8. Actions/Support requested from the Section:</p>	<ul style="list-style-type: none">• Funding support for in-person seminars.• Support for PhD students to attend IEEE OCEANS' conferences.• Funding support for the IEEE Subsea Innovation Technologies and Marine Workshop, 23rd Feb '24.
<p>9. Action Plan:</p>	<ul style="list-style-type: none">• Enhance chapter memberships• Plan for webinar series• Organise in-person seminar/talks• Plan for bidding IEEE conferences• Develop plan to support UK students• Plan for Distinguished Lectures• Explore industry engagement possibilities• Explore developing new OES student chapters.