

Biography

Dr Neil Gordon has a PhD from Imperial College, University of London and over 30 years of experience as a Defence research scientist in the UK and Australia. From 1988-2002 he was with the UK Defence Research establishments where he worked on missile guidance and statistical signal processing for surveillance sensor systems. During this time, he is best known for his contributions to particle filter methods. In 2002 he moved to Australia where he was with Defence Science and Technology Group within the Australian Department of Defence working on Data and Information Fusion for wide area surveillance and as Research Leader for Intelligence Analytics. Dr Gordon has recently joined the Australian Submarine Agency. Dr Gordon was awarded the Australian Defence Ministers Award for Achievement in Defence Science in 2019. He is a Fellow of IEEE and a Fellow of the Royal Statistical Society.

Mission Statement

As a BOD member I would focus on three key issues

1. Improving the value of ISIF to Early Career Researchers

The future health of ISIF depends on attracting and retaining Early Career Researchers (ECRs). This will only happen if they can see the value that ISIF membership provides to them. ISIF must prioritise creating a welcoming environment, mentorship programs and professional development opportunities, both in-person and online. Access to funding such as travel grants and reduced conference fees is critical to ensure ECRs can actively participate in knowledge-sharing opportunities. A dedicated communications path should be established to ensure the interests of young professionals are represented in decision making.

2. Improving ISIF Value to Geographically Distant Members

I aim to enhance ISIF's value for members outside Europe and the USA by expanding virtual engagement, including webinars and live-streamed masterclasses. Establishing regional chapters and local champions will help distant members to engage in society activities at a more local level while maintaining ties to the larger organisation.

3. Improving Linkages to Other Relevant Professional Societies

ISIF has the huge advantage of high relevance to many scientific disciplines and application domains. This should be leveraged through greater collaboration with relevant professional societies. Expanding joint initiatives like co-hosted conferences, reciprocal memberships, and shared resources will foster innovation and strengthen professional networks, benefiting researchers at all career stages and locations.

VP Preference: VP Conferences