9.40am  Pre-Conference Networking

Come and join your volunteer colleagues for a pre-conference networking session, where you can have an informal catch up and share your aspirations for the day.

This session is optional and is designed to replicate the informal discussions you may have had in a face to face conference.

Access will be provided on the day, with numbers limited to enable conversation.

10.00am Welcome to the Conference

Nigel Fine, Chief Executive and Secretary will set the scene for the day, including the themes for the event and who will be the main speakers.

10.10am Strategy Update

Nigel Fine, Chief Executive and Secretary provides an overview of the IET 2030 Strategy and the Volunteer Engagement Strategy.
10.20am Keynote Speaker – Tiger de Souza, National Trust

Presenters: Tiger de Souza, People Engagement Director—National Trust & Nigel Fine, Chief Executive & Secretary – The IET

Volunteering for the future, how has COVID affected where we could be heading. Bringing inclusivity and volunteering into the conversation. What does this mean for the IET and our volunteers?

During these first two sessions of the conference our keynote Tiger de Souza will bring his expertise on inclusivity and volunteering to discuss how he sees volunteering changing in the next 10 and beyond, what the latest changes the volunteering sector may see following the COVID pandemic as well as the ongoing challenges of inclusivity for volunteers, not just thinking about representation but recognising that our volunteers are our ambassadors and their role in representing the Institution and our values and behaviours.

Nigel Fine, Chief Executive and Secretary will also be providing a refresher and an overview of the IETs 2030 Strategy and the Volunteer Engagement Strategy.

Together we are expecting volunteers to think about how they along with the IET as a whole may need to adapt in the coming years, what challenges we are likely to face, what opportunities will there be etc. as we face a post-COVID landscape and look to achieve our strategic aims.

Tiger de Souza MBE

Tiger is the National Trust’s People Engagement Director and within his role is responsible for inclusion and strategic volunteering development at the Trust. He has had a wide-ranging career in the non-profit sector working at Royal Institution for Chartered Surveyors, NSPCC and England Netball. He is a passionate advocate for the power and creativity of youth after spending five years in his early career being motivated and challenged by a host of brilliant young people at vinspired.

Tiger has been a trustee of both Volunteering England and NCVO and is currently a Trustee for ACEVO. He was awarded an MBE for services to volunteering, including during the pandemic in the 2020 New Years' Honours List.

Topics to be covered

• Future of volunteering
• Inclusivity
• IET strategy
• Volunteer Engagement Strategy
10.50am IET #PresentIn10 (first finalist)

Attendees are invited to watch the first finalist from the IET #PresentIn10 competition.

The three finalists’ presentations for the #PresentIn10 will be shown in three separate sections throughout the day. There will be a finalist in each of the three categories:
- Sustainability & Climate Change
- Digital Futures
- Healthy Lives

Volunteers will then be asked to vote for their favourite, based on a set of criteria which will be provided. Once the votes have been counted the finalists will join us live on screen for the winner to be announced.

11.05am Keynote Breakout Sessions

Attendees may choose to attend 1 of 6 break-out groups to discuss the keynote topic. Each group will cover a different question. There will be a dedicated chair and staff facilitator in each group.

Following the Keynote and strategy presentations (see separate summary). Volunteers may choose to attend one of six breakout groups to discuss the keynote. These will be facilitated by IET Volunteers and will be limited to 10-15 volunteers in each group to allow for ease of discussion. Volunteers will need to select which topic area they wish to engage with from the below:

a) Given the likelihood that many businesses, and other stakeholders connected with volunteers and their roles, will continue to operate in a largely virtual way how can we make the most of this without losing the benefits of personal contact?
b) How do we engage employers and demonstrate the benefits of volunteering now and in the future, particularly noting that historically face to face networking has been a large factor in this?
c) With different restrictions still in place globally regarding face to face meetings how can we ensure we operate fairly but consistently with regards our Local Networks and other global volunteering roles?
d) What do you perceive as the biggest challenge for volunteers in achieving our 2030 strategic aims and objectives?
e) How can volunteers and the IET adapt to ensure inclusivity in all its operations?
f) Imagine you are someone who has come across the IET for the first time. Would you view us as an inclusive volunteering organisation? If not, why not? What perceptions do you think we have?

Target audience
- Volunteers with a passion and/or expertise in these topics who are willing to discuss them with their peers.

These will be interactive sessions which is why we are limiting space to 10-15 volunteers. Anyone who is successful in gaining a place in this session will be expected to participate in discussions.

Topics to be covered
- Future of volunteering
- Inclusivity
- IET strategy
- Volunteer Engagement Strategy
11.05am Networking session

If you haven’t registered to attend a Keynote Breakout Session, come and join your volunteer colleagues for a networking session, where you can have an informal catch up and share your thoughts on the day so far.

This session is optional and is designed to replicate the informal discussions you may have had in a face to face conference.

Access will be provided on the day, with numbers limited to enable conversation.

11.25am BREAK

11.35am Optional Choice Seminars - Attendees may choose to attend 1 of 6 seminars on a variety of topics below.

11.35 am Optional Seminar Leadership - What skills a volunteer leader/chair needs and how to utilise them.

Presenter - Air Marshal Sir Julian Young, IET President 2021/2022

Volunteer organisations rely on effective leadership to ensure volunteers feel engaged and supported within the organisation, to ensure that each role or Network is utilising the best in people and that in turn there are clear processes in place for governance and aspiration.

Whilst IET staff will of course support a great deal of volunteer activity the ‘on the ground’ work of Local Networks, Communities and all volunteer roles is volunteer led and leadership from volunteers is key.

This session will cover how as a volunteer you can lead other volunteers effectively, either as a Chair of a Committee or as part of a volunteer group. During the session we will discuss topics such as:

- Expectations of a Chair
- Dealing with conflict within committees
- Distinction between management and leadership
- Importance of delegation to members of committees, including considering succession considerations
- When to escalate an issue with ‘senior volunteers’ or IET Staff
- Limitations of a volunteer leader

This session will also cover opportunities as a volunteer leader. What can you learn performing this role for the IET, or other organisations and what cross over skills could you develop.

The session will be led by Air Marshal Sir Julian Young, President of the IET who has vast leadership experience. For full details on Julian his brief biography can be found on the IETs website here. It will be an interactive session which is why we are limiting space to 25 volunteers. Anyone who is successful in gaining a place in this session will be expected to participate in discussions.

Target audience

- Those who are already in a volunteer leadership/chair role within the IET
- Those who will shortly be moving towards a leadership/chair role within the IET
11.35am Optional Seminar; Volunteer Home for Life - Including information on how to set a volunteer career pathway and what the IET gives the volunteer.
Presenter – Ms Dawn Ohlson, IET Vice President, Chair of Volunteer Engagement Board

Our Volunteer Survey from 2020 showed us that many volunteers felt that whilst they were really proud of their individual role and the work they were doing in that role the wider volunteering community, and indeed the wider IET membership was not necessarily aware of their work.

Another big feedback was that some volunteers were keen to learn how to progress towards a role in IET governance should they wish. A volunteer Career Pathway, for example.

This session will seek to address these subjects. It will be led by Dawn Ohlson Trustee, Vice President and Chair of the Volunteer Engagement Board. The session will cover:

• Advice on how to get the most out of volunteering for you, whatever your stage of career
• Discussions about the IET volunteer identity, how do volunteers feel they contribute to the IET individually and collectively?
• What is an IET governance role, and advice on the different paths to roles in governance.
• Can you switch volunteer roles, how do you go about this?

For full details on Dawn her brief biography can be found on the IETs website here. It will be an interactive session which is why we are limiting space to 25 volunteers. Anyone who is successful in gaining a place in this session will be expected to participate in discussions.

Target audience
• Those who are interested in a future volunteer Governance role
• Those who wish to find out more about other volunteering roles

11.35am Optional Seminar; Cyber Security - The relationship between Cyber Security and modern engineering.
Presenter – Dr Richard Chisnall, Member of the Cyber Council Advisory Group

Cyber Security has been a topic which has gained more and more traction in recent years. Whilst it may have become somewhat of a buzz-phrase the public at least are still unsure what it actually means. The Engineering Industry has been developing to ensure that they are fit for purpose, maintaining standards and future proofing with regards to Cyber Security. However, as with other, relatively new areas of expertise the question of how actively PEIs engage directly, target experts in these fields and incorporate them into strategies is always an interesting one.

This session will cover a discussion on Cyber Security in modern engineering asking questions such as:

• How can we help to build a safer cyber world?
• Where does the responsibility of private firms begin and end in cyber security?
• What cyber threats should we collectively be concerned by?

The session will be led by Dr Richard Chisnall. It will be an interactive session which is why we are limiting space to 25 volunteers. Anyone who is successful in gaining a place in this session will be expected to participate in discussions.

Target audience
• Those who have an interest in Cyber Security and its relevance to the engineering industry.
• Those who have a Cyber Security background
11.35am Optional Seminar; Innovation & Inclusivity – How do we make innovation more inclusive?
Presenter – Professor Tim Dafforn, Innovation & Emerging Technologies Policy Panel

This session focuses on the issues of innovation & inclusivity, with a view to achieving minority and gender balances. In particular it will cover two linked questions:

- How can being more inclusive spark greater innovation?
- How can innovation spark more inclusivity?

To continue to innovate technologically requires drawing on new thinking from diverse sources. However, UK research has highlighted that 68% of venture capital investment goes to all male teams. Under 3% goes to all female teams, and less than 0.1% to all black female entrepreneurs. This shows a clear imbalance and underuse of talent and suggests barriers to opportunity. But how do we tackle the challenges to ensure more diversity in innovative entrepreneurship?

This session will look at some of the business myths and stereotypes that create barriers to innovation. We will explore why these stereotypes exist and discuss how we can create more, and longer-lasting opportunities. Key considerations include:

- The need for innovation
- The barriers and failings affecting diversity and inclusion within innovation
- Why diversity and inclusion are beneficial for innovation
- How we ensure diversity and inclusion are continuously developed within innovation

The aim is to get all participants to think about both the barriers and the opportunities that innovation and inclusivity present. It’s hoped that participants will contribute, take away and develop ideas and signposting from the discussion.

The session will explore a range of areas in the innovation / inclusivity arena, such as diversity, productivity, subgroups, cultural fit, socio-economic issues, regionalism, access (to markets, funding, networks), opportunities, barriers and support. It will ask why the impact exists, how we can change this, and the benefits of doing so.

The session will draw on relevant interim innovation / inclusivity statistics / findings of the 2021 Engineering Skills Survey (final details may not be available).

Anyone who is successful in gaining a place in this session will be expected to participate in discussions.

Target audience

- Those who are interested in finding out more about innovation and inclusivity
11.35am Optional Seminar; Inspiring Society – How volunteers engage with the public around societal challenges, what is their responsibility as volunteers and engineers?

Presenter – Dr Peter Bannister, Healthcare Sector Executive Committee

As Engineers our volunteers have the skills, insight and ingenuity to help tackle some of the bigger challenges facing our society today. To do this we have chosen five Societal Challenges where the engineering profession and the IET can make an impact. Each is inspired by the United Nations 17 Sustainable Development Goals, as well as the European Union’s Horizon 2020 challenges and the UK’s Industrial Strategy Grand Challenges.

- Sustainability and Climate Change
- Digital Futures
- Healthy Lives
- People-centric Infrastructure
- Productive Manufacturing

Our societal challenges will focus our efforts more sharply for added impact, while providing direction and purpose for the IET. By working together, we can build compelling propositions for each of these areas that support and meet the needs of our stakeholders and society.

This session will discuss how an individual engineer or volunteer can help inspire society and make a difference moving forward. What is the responsibility of an engineer and how does that differ to that of an IET volunteer, who is working with the IET’s values and behaviours?

Does this vary depending on your role, your location, the stage of your career?

It will be an interactive session which is why we are limiting space to 25 volunteers. Anyone who is successful in gaining a place in this session will be expected to participate in discussions.

Target audience
- Volunteers interested in how they can help with the societal challenges, what it means for them in their role and as individuals.
- Volunteers interested in engineering ethics and the role of an engineer in society.

11.35am Optional Seminar; Routes to Professional Registration - Workshop for those seeking the next step in their Professional Registration (IEng, CEng, EngTech or ICTTech)

Presenter – Mr Mike Lynch, Chair of the Registrations Group

Whether you’re considering becoming Professionally Registered or already have your application underway, this workshop will cover:

- Professional Registration categories and myths
- What is Underpinning Knowledge and Understanding (UK&U)?
- What is Competence and how is it demonstrated and assessed?
- How do you make an application?
- What happens after you have made an application?

This workshop is designed to give attendees an overview and point them in the right direction to begin their registration journey as well as provide them with the opportunity to ask questions from a professional registration volunteer and professional registration IET staff. It will be an interactive session which is why we are limiting space to 25 volunteers.

Target audience
12.25pm BREAK

12.35pm IET #PresentIn10 (second finalist)
See 10.50am for details

12.45pm Keynote and Chair’s Panel session

The Chairs from the mornings break-out sessions join the keynote, Tiger de Souza and led by Professor Danielle George, IET President 2020/2021, in a panel session.

Following the keynote and discussion sessions we welcome back the chairs from each of these joined by the keynote, Tiger de Souza, in a panel session to provide all volunteers with a summary of the discussion sessions.

As a reminder the six topics discussed were:

a) Given the likelihood that many businesses, and other stakeholders connected with volunteers and their roles, will continue to operate in a largely virtual way how can we make the most of this without losing the benefits of personal contact?
b) How do we engage employers and demonstrate the benefits of volunteering now and in the future, particularly noting that historically face to face networking has been a large factor in this?
c) With different restrictions still in place globally regarding face to face meetings how can we ensure we operate fairly but consistently with regards our Local Networks and other global volunteering roles?
d) What do you perceive as the biggest challenge for volunteers in achieving our 2030 strategic aims and objectives?
e) How can volunteers and the IET adapt to ensure inclusivity in all its operations?
f) Imagine you are someone who has come across the IET for the first time. Would you view us as an inclusive volunteering organisation? If not, why not? What perceptions do you think we have?

13.10pm Networking session

Come and join your volunteer colleagues for a networking session, where you can have an informal catch up and continue the discussion from the Keynote and Chairs Panel Session.

This session is optional and is designed to replicate the informal discussions you may have had in a face to face conference.

Access will be provided on the day, with numbers limited to enable conversation.

13.30pm BREAK

13.40pm IET #PresentIn10 (third finalist)
See 10.50am for details
14.00pm Celebrating our volunteers

Join the current and past President and Chief Executive and Secretary as they celebrate the achievements of our wonderful volunteers. Including the short list of IET Volunteer Achievement Medallists.

This session is all about celebrating volunteers. We have been bowled over by the positivity, creativity, flexibility, and drive demonstrated by all our volunteers around the globe throughout the Covid-19 pandemic. Now more than ever we are so thankful for the amazing work all our volunteers do. This session will include:

- Announcing the Volunteer Core Value Award winners
- Celebrating the short-listed nominations for the Volunteer Medal and Paul Fletcher Medal
- Our Volunteer Honorary Fellowships which were awarded in the 150th Year.
- Sharing details and outcomes from the Global Engagement Funds which our volunteers have been integral in setting up and running.
- A celebration of all things IET volunteer and news from all around the globe and the IET volunteer community.

14.40pm IET #PresentIn10 winner

To confirm the winner of this year’s IET #PresentIn10 competition

14.50pm Thank you summary of the day