



Supporting technical  
staff working in science,  
technology, engineering,  
digital, arts and media



# e - Newsletter

#16 Spring Edition - Apr / May 2020

We are here for you, stay safe & take care

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## THANK YOU NOTES

Thank You to all the contributions to this edition of the e-Newsletter.

Please contact the IST Office if you would like the opportunity to write an article for any of the future editions.

If you would like to contribute to the next e-Newsletter please contact us at the IST office:

[office@istonline.org.uk](mailto:office@istonline.org.uk)



# COVID-19 Statement to Members

**May 2020**

Dear Members,

We would like to continue to extend our best wishes to everyone in this uncertain time and hope that you will all stay safe and take care. The IST has made arrangements to allow for business as usual, and we are here to support and help you as much as we feasibly can.

People's health and wellbeing is our priority in the current circumstances, and we have put a proactive plan in place to ensure that we are taking reasonable steps to protect this, and reduce risk to members, staff, or those attending meetings, while continuing our services and facilities. Most staff are working from home, so please feel free to contact us if you require any assistance, either by email or directly with any member of the team.

**For a check-in from the IST Team or our members - [Click Here.](#)**

The AGM on 27th May will still go ahead, however for the first time this will be done online. We welcome all our members to attend this short session, as it would be great to see how everyone is getting along and to aid you if we can. To register for the AGM, please sign up here using our Form - [Click Here.](#)

We have had to make a difficult decision about our conference in September 2020 and for the safety of our members and our team we have decided to postpone the Conference until Wednesday 15th September 2021, this will be at the University of York at Spring Lane Building and will still be in the middle of the University of York Technician Week.

If you have any queries relating to membership, registration or general business you can get in touch via email:

**Registration queries:** [registrations@istonline.org.uk](mailto:registrations@istonline.org.uk)

**General or Membership queries:** [office@istonline.org.uk](mailto:office@istonline.org.uk)

\*\* Please do not send post to or ring our office as it is not currently manned due to Covid-19 restrictions, all communications should be made via email or our via our contact form as that will bring the speediest response.\*\*

You will also find updates from the IST on our news page and on social media. If you have any questions, please let us know.

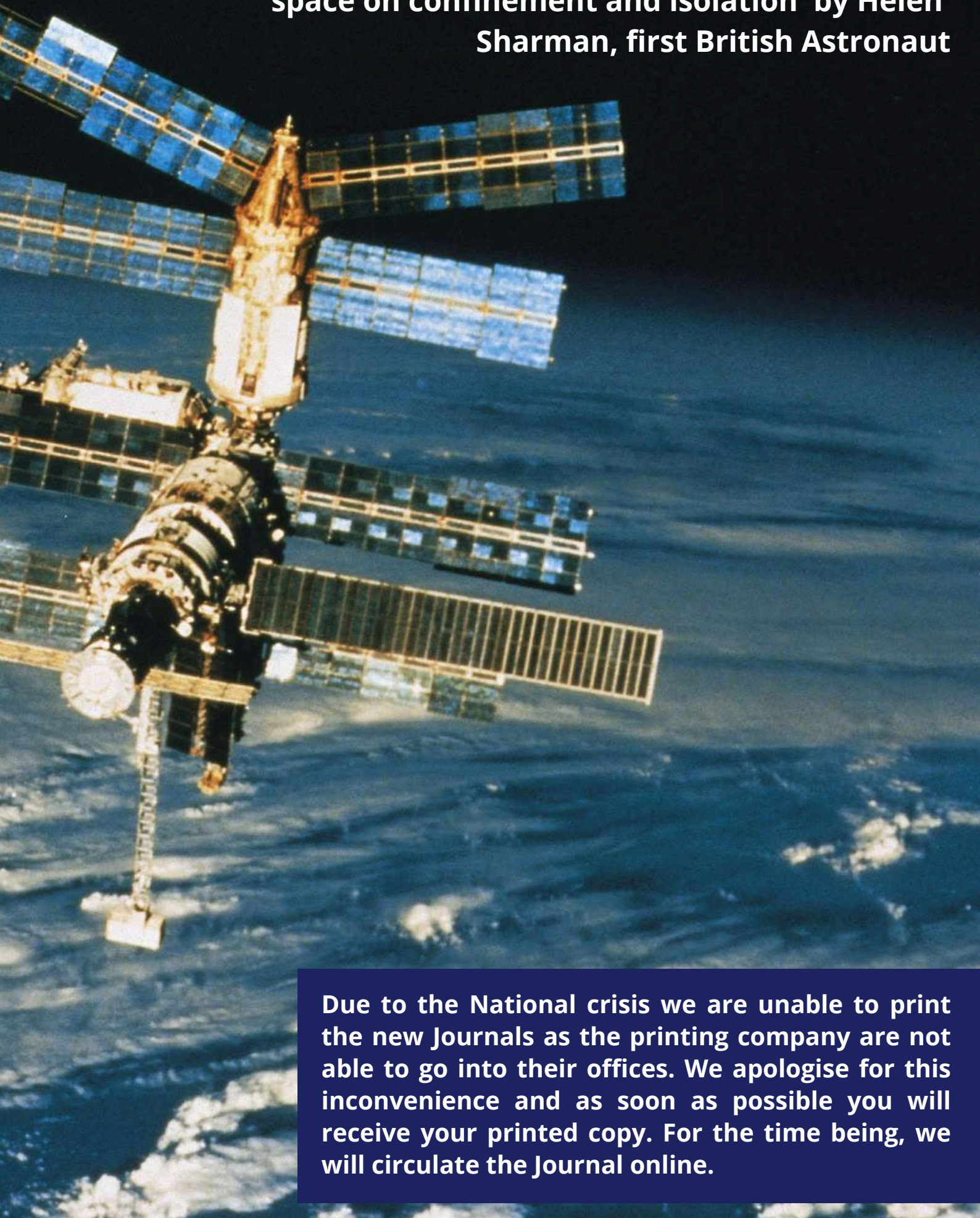
Lastly yet most importantly, stay safe, take care and thank you to all our members, team and for everyone involved in the collaborative fight against this crisis Please feel free to join us as we **#ThankTheNation.**

Best wishes,

**Joan Ward & the IST Executive**  
**Institute of Science & Technology**



**Look out for the new Journal including 'Thoughts from space on confinement and isolation' by Helen Sharman, first British Astronaut**



**Due to the National crisis we are unable to print the new Journals as the printing company are not able to go into their offices. We apologise for this inconvenience and as soon as possible you will receive your printed copy. For the time being, we will circulate the Journal online.**

**Picture of the Mir Space Station, 1986 - 2001**



# HELEN'S UPDATE



**Dr Helen Sharman CMG OBE FIScT FRSC**  
*IST PRESIDENT*

I hope that you are staying healthy and safe. We are all feeling the impact of the COVID-19 pandemic and my thoughts are with those who have become ill, or whose loved ones are ill. This message comes with heartfelt sympathy for everyone who has lost a loved one or a colleague recently.

If you are working in the NHS, other vital caring roles or you are part of the COVID-19 research and testing effort in another way, the IST adds its thanks to the appreciation I hope you feel from the country.

Technicians have been saying for some time that the world is changing faster than ever, but the extent and speed of COVID-19's impact on individuals, organisations and the global economy has been a shock to us all. People all over the world are finding themselves in situations they could not have planned for. Some of you may have jobs that require you to continue working under pressure in a lab; you might be working from home and juggling child care with a laptop on the kitchen table; perhaps you are in "furlough" not being able to work, or a freelancer who now has no work. You might have lost your job. The circumstances are unprecedented and while the Government is doing what it can as quickly as it can to ease

the financial anxiety many people face, it is clear that for many of us, our lives are going to be quite different for some time.

The IST remains open with most staff working from home so please feel free to contact the IST as usual. We are keen to do what we can to help and support members.

Many media outlets have been asking me how I coped with isolation in space. You can read my thoughts in the new Journal in case an idea might help. Do pass on to others!

Best wishes,

*Helen.*

# TERRY'S BLOG



**Terry Croft MBE CSci FIScT**

*IST CHAIR & CEO*

## **Welcome to the next edition of the e-Newsletter.**

As I write to you, the whole world is involved in one of the most challenging situations which has affected everyone of us. Many technicians will be involved in managing unplanned situations due to the effect of the coronavirus on people's lifestyles. Technicians are vital in the fight against this virus and will be involved in working on the front line or with supporting the country in many ways and there will be some of you having to work from home. I wanted to express my best wishes to all our members and encourage you to seek help from our team if there is any way that we can support you.

The IST have been working with the National Technician Development Centre and together we have been working to improve access to COVID-19 resources for knowledge exchange.

We expect the AGM to continue to take place on 27th May 2020, please do join the IST as we go online for this meeting for the first time. It is very important for us to hear from you so that we can make steps to change the way we carry out our support to suit our members best.

We are undergoing many changes, just before the lockdown we moved office and as a result changed our telephone number, so please ensure you have the new details if you need to contact us.

Wendy Mason has been an integral member of our team for many years. She has recently decided to retire from her role at the IST. The success we have had is in part down to the incredible work Wendy has done for the IST, particularly in organising the annual conferences. I can speak for all the membership when I say, she will be sorely missed. I want to pass on my very best wishes and those of the Executive and membership to Wendy and her family, and to wish her the very best for the future, now that she can unwind and enjoy time with family.

We now expect the lockdown and social distancing to continue into the next few weeks, with more organisations and employees feeling the economic and personal pressures. If you need any support from the IST, about this or any other matter concerning the technical profession, or if you have a view to share, please get in touch. The IST understands the needs of technicians, specialists and managers and we rely on your input to best represent and support you at all levels.

To this end, it is with great sadness that we have to postpone our Technical Conference until next year, however we feel this is the only option for both our members and the organisers and exhibitors. We will be planning for a spectacular Conference in 2021 to celebrate the technical community for their efforts over this global challenge.

Whatever you are doing at this time, please stay safe, and take care. We hope to see you at our Conference next year once we get over this unprecedented crisis.

With best wishes,

*Terry.*

# Important Updates & News

## Updates, News and Technicians Supporting the Fight

### Round-up



### *Farewell Wendy and Thank You*

After many years of service, Wendy has decided that it is the right time to retire in her role and step down as our amazing administrator. Wendy has been a key member of the team and she will be missed dearly by all.

We all wish Wendy and her family the very best for the future and we are sure we will not lose contact with her. Thank you for all your years of dedication and tireless support.

### *AGM\_online [Wednesday 27th May 2020, 11.00am]*

Our AGM is open to all our members and we hold them each year to give an opportunity for members to update them but also so that our members can tell us how we can make changes to suit them better. We are sorry we cannot hold the AGM this time in person but we would like to invite you to our virtual AGM. If you would like to join us virtually, please sign up so we can send you details. [Click here to sign up.](#)

### *We have moved!*

We have a new address and telephone number if you need to get in touch with us.

Our new address is:

**The Institute of Science & Technology  
7th Floor, The Balance, 2 Pinfold Street  
Sheffield, South Yorkshire, S1 2GU**

Our new number is: **0114 553 1401**



### *# Thank The Nation - Read more on Pages 19 & 20*



Many of our members and technicians will be amongst the vital people supporting the fight against COVID-19. Many will be volunteering their time, many who are key workers any many will be stopping the spread of the disease by staying at home. Our team at the IST wanted to thank each and every one of you for your part. Each of our team is holding a card thanking a particular group of people. Our message to our members and to everyone is:

**'Thank you. Together we will beat this. #ThankTheNation!'**

## IST Technical Conference 2020

We are very sorry to announce that the IST one-day Annual Conference on 16th September 2020 along with the activities planned for the University of York Technician Week over the 14th - 18th September 2020 will be postponed. The safety of everyone involved including our members, organisers and those who would be attending the conference as delegates and exhibitors is our main priority.

As the future of the lockdown and social distancing is uncertain, regarding the global events and circumstances that are beyond our control, we feel this was the only course of action available to us, to safeguard everyone involved.

The Conference will now take place on [15th September 2021](#) and the York Technician Week will accompany this by taking place over [13th - 17th September 2021](#). There will be events planned for our members and partners over Autumn 2020 in place of the Conference and we are looking into some exciting opportunities that can be done safely.

We are planning on making the 2021 Conference a real celebration of the technical workforce and the key role they play in the community, especially the vital part they have played in the national COVID effort.

*“ This has been a very difficult decision for us to make. We are working with Simon, Lucy and the University of York to ensure that we can deliver a successful York Technician Week and Conference next year. We are sorry to have to postpone until next year, however we hope that everyone will understand that we have a duty to ensure the safety of everyone involved, from our members and attendees to the exhibitors and organisers. ”*

**- Terry Croft MBE, IST Chair**

*“ The venue and most importantly, the catering at York University are booked for September 2021. We have the luxury of 16 months to plan the event and we intend to put this time to good use, sourcing keynote speakers, developing workshops and inviting suppliers. Looking forward to seeing you all in September 2021. ”*

**- Simon Breeden and Lucy Hudson, University of York**

If you have any questions, concerns or worries about the Conference, please feel free to contact us at [office@istonline.org.uk](mailto:office@istonline.org.uk).

# Hero Technicians and Organisations

## Technical staff supporting the fight against COVID-19

Our Corporate affiliates and partners have been involved in combatting this crisis in many different ways. We have put together a booklet to show you what our partners and affiliates are doing to support the world in this challenging time.



Click here to find out how technicians & organisations have been combating the Coronavirus crisis.



Environment Agency



Creative Industries Federation



National Technician Development Centre

CREATING A SUSTAINABLE FUTURE FOR TECHNICAL STAFF AND SERVICES



# Resources

Resources for Members and the Technical Community

Resources - Click on the boxes below

## THE Good Practice Sessions

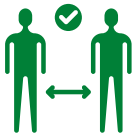
COMING SOON

IST  
Supporting technical staff working in science, technology, engineering, digital, arts and media

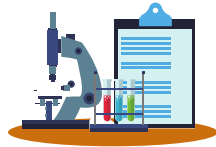
Collaborating with our members and the technical community to discuss key issues to aid the safe return back to work.



Risk assessment



Social Distancing



Managing Workstations, equipment & facilities



Configuring building compliance



Managing visitors & contractors



PPE: Rebuilding our inventories

Home > Resources

## Resources

This area is intended to serve as a resource area which IST members and non-members of the technical community may find useful. We will be gathering and compiling a variety of material and links to information sources and will continue to add these over time. If you become aware of a useful tool or set of materials that you think may be use to the technical community please let us know.

**SUPPORT  
FOR  
MEMBERS**

**SUPPORT  
FOR  
REGISTRANTS**

**COVID-19  
HUB**

**THE  
Publications**

**NTDC  
RESOURCES**

# RESOURCES

# Supporting Individuals

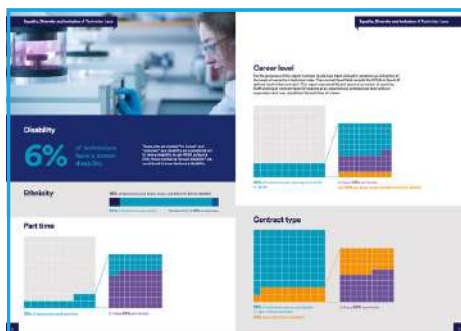


## Nottingham Report and how IST are promoting DEI

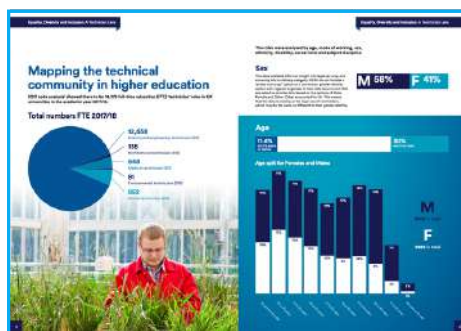
### Diversity, Equality and Inclusivity

Inclusion involves bringing together and harnessing diverse persons and resources in a way that is beneficial. Inclusion puts the concept and practice of diversity into action by creating an environment of involvement, respect, and connection—where the richness of ideas, backgrounds, and perspectives are harnessed to create community value.

It was found at the end of November 2019, that the majority of technicians in managerial positions are male, even in subject disciplines where the majority of technicians are female.



[The University of Nottingham report – Equality, Diversity and Inclusion \(EDI\): A Technician lens](#) was presented last year at STEMM-CHANGE conference & recommended more promotion opportunities for female technicians.



According to the EDI research, just 10% of technicians are black, Asian and minority

ethnic (BAME). Many technical staff were unaware of the issues in the workforce and of the Athena SWAN and Race Equality Charter initiatives, the report concluded.

The IST work hard especially with the Science Council to promote DEI and to that end Kevin Oxley, **IST Diversity & Equality Champion** is looking at improving the way we can promote and ensure equality, inclusion and diversity as a professional body to support our members.

At our Conferences we have started to ensure that delegates can identify key themes for each workshop and for this we have included a supporting individuals/inclusivity theme. We ensure every delegate has the opportunity to attend at least one of these workshops.



In September 2019, one of the workshops held was on how we can improve Equality, Diversity and Inclusion for Technical Staff. This was presented by Denise McLean & Tamsin Majerus from the University of Nottingham.



# Selection of Published e-Articles

Our members contribute to articles for the e-Newsletter

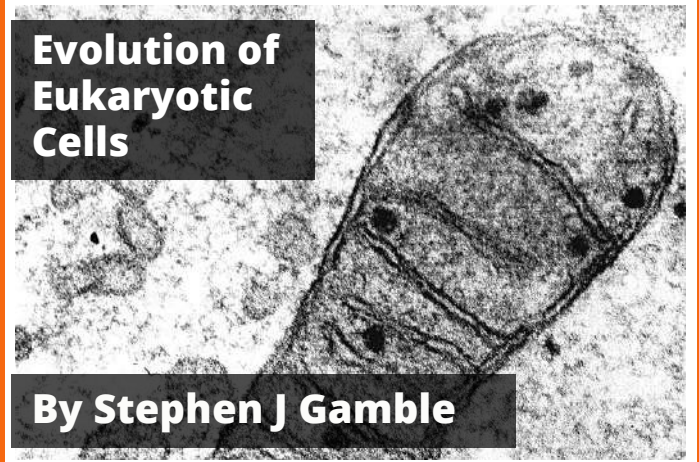
e-Articles



To maximise your time for reading, we have condensed our articles onto this page so you can choose what to read. **Click on any of the boxes below to read the article.**



(a) A brief history of the Chinese Nuclear Industry and how the economy has continued to gain a global stature in the last few decades.



(b) A key stage in development of intelligent life which likely evolved from simpler organisms by performing specialised functions.



(c) The case study of AMES, an insight into the importance of the specialism along with aspects of behaviour or human performance.



(d) IST Member Mohamed El-Guindy invited by President Abdel Fattah el-Sisi of Egypt to deliver a speech on 'The Role of Cyberspace in Hybrid Warfare'.

(a) First Chinese Nuclear Power Plant credit to [baike.daidu.com](http://baike.baidu.com), (b) TM of mitochondria credit to Prof. R. Bellairs CC BY (d) Photo credit to Egyptian TV.

# Evolution of the Journal & IST Logo

65 years of [the Journal](#) and logo design inspiration

## Archive

Over the years, the IST has adapted to meet the demands of the technical community. Its design has also made an evolutionary journey. Now that we are engaging more with other sectors, including creative industries professionals, we will be looking at the design of the Journal and other publications to move them onto a new look.



The design of the Journal from its inception in 1955. The Journal has taken many forms over the years. There is a short period of 8 years where there was no Journal, but the IST did have other methods of communication at the time, including the Bulletin. The logo has changed as well as the size of the journal.

### By John-Paul Ashton

The Journal has always been an important way of keeping our members & technicians involved whilst offering the opportunity for members to dabble in publishing. For some technical staff publishing articles is not something that is easily or readily accessible to them in the research world, whereas some technicians have as much as 20 publications in several journals.

“ I think that the IST's journal has changed and evolved very much in the same way that the IST has, and science and technology in general does - a hop, skip, and a jump. But not necessarily in that order!

It's change over the years has been a reflection of how the IST has itself changed and evolved. And it is ready for the next jump I think, where it can change to embrace how we all are now communicating - online, on the move, constantly interacting, and importantly from anywhere.

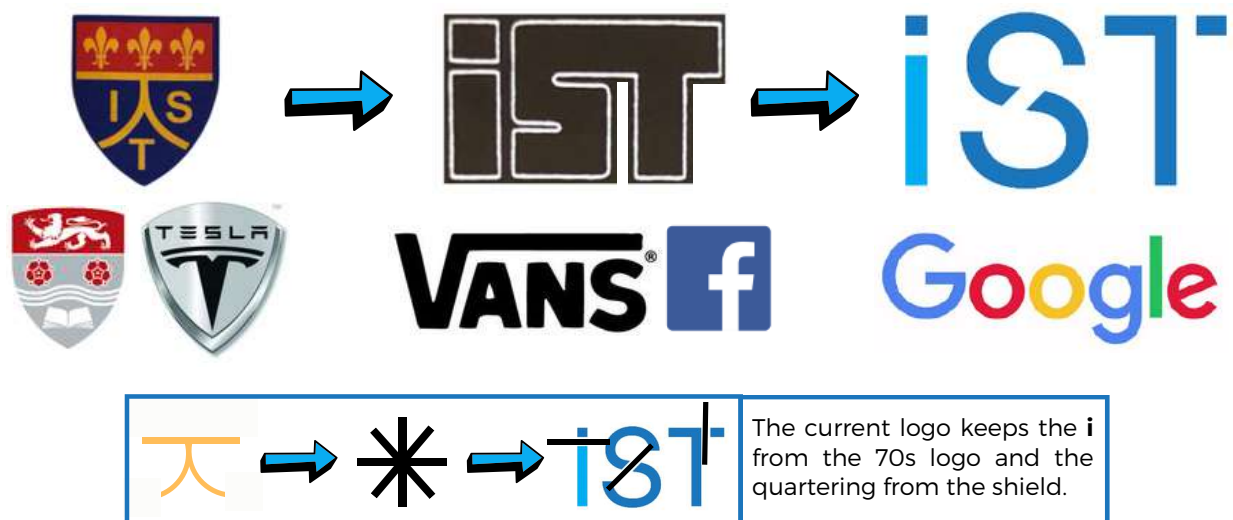
### - Ian Moulson, Journal Editor

Our members in the last IST survey mentioned that they enjoy receiving the Journal, but others have said in an ever changing 'environment eco-aware world', the eNewsletter has played a key role in being an environmentally friendly communications bulletin to supplement the Journal.



As you can see from the Journal transformation above, the logo itself has also changed its look over the years. It is interesting to see how this has changed from its inception. The original logo clearly shows the tradition of heraldry, in the coat of arms which may have been inspired as this design is typically associated with many university logos, like Lancaster University's logo for instance. These traditional designs are still used in modern looks today, such as the Tesla motors logo. The next logo designed in the 70s mimics a similar look to that of its period, perhaps embodying the inspiration from designs similar to the shoe brand VANS, some features of the design are still seen today in some of the most influential brands in the world.

Our current logos identity uses the 'three strands or divisions' (like seen in the box below) from the coat of arms to strikethrough the I, S and T which may have been used to give the logo a unique look but instead of keeping the crest, it retains the field divisions which signifies the importance of 'strength in together'. The lower case **i** has been kept to give the logo character and the blue colours may have been taken from the original colours of the institute. Our current logo, in some way resembles a design not too dissimilar to the digital design period, perhaps something similar to the look of Google. **What do you think?**



We are always thinking about new ideas along with how we can better communicate with all members, and a lot of what we carry out has been informed along the way by what our members want.

As the IST Publications take the next steps of the journey, we have decided that we will update the look of the Journal. Some members are from technology/media rather than science backgrounds and we have been told the design fits very well with a science or engineering community. However, to a graphic designer or IT specialist, the look 'does not appeal as greatly to the technical staff in our areas.'

We know that the Journal is enjoyed by many

members, therefore we wouldn't want to change it too much. However, we do realise that we need to take everyone's opinions into account. Therefore we have decided for the 2021 Journal, we will design a new look - the Journal will remain similar to its roots both on design and contents, but it will undertake a brand new look and we will be asking members what content they would like in the Journal and other publications going forward.

We are looking into a transformation of the eNewsletter at the same time. We would like this to be closer to the Journal, which will act as a supplement. As these changes are going on, we would welcome your suggestions, as well as your feedback.



### CPD Links:

[IST RESOURCES](#)

[CV BUILDER](#)

[HEaTED|STEM](#)

[ALISON COURSES](#)

[FUTURE LEARN](#)

[OPEN LEARN](#)

[OPEN UNIVERSITY](#)

[UDEMY](#)



This is likely to be the last CPD corner that I write and I thought it might be a good time to reflect on some of my own CPD. Of course, for most of my working life, CPD hadn't been invented but there were always development activities. I have identified the two activities that made the greatest impression on me.

#### **Glassworking Techniques**

This was a 4-day course offered by Braintree FE College. It was hands-on in a small workshop, using oxygen blowtorches and there were about 6 of us. When making the case to attend, I emphasised the cost benefits of being able to repair broken glassware and to create simple components, e.g. delivery tubes, instead of buying them. And I really wanted to go! And it was brilliant. However, as a lab technician in a chemistry lab it was not always easy to find the time, without interruptions, to use and practice the skills and I was never able to make full use of the training. But I still have total admiration for glassworkers.

#### **Biosecurity for Counter-Terrorism**

This was the topic for a 45 minute workshop at the S-lab conference in 2014. I was a self-employed health and safety consultant, specialising in chemical safety, and as the threat from terrorism was something I knew nothing about, it seemed a good opportunity to learn. It was hosted by someone from the National Counter Terrorism Security Office (NaCTSO) and she opened my eyes to a whole world that I never knew existed! When I got home I researched NaCTSO, contacted my regional Counter-Terrorism Security Adviser and we had a meeting. She outlined her activities and showed the video that had been made to highlight security aspects of chemical security in universities. So how did other people benefit from my CPD? The IST's Technical Conference 2015, held in Leeds, had a workshop led by one of Yorkshire's Counter-Terrorism Security Advisers.

I have always believed that CPD is not just about work but also includes personal development. It can involve learning about the way the world works both on the large scale and the immediate microcosm that is the workplace, how to interact with people and, sometimes, how to manipulate circumstances to achieve a target. I also believe that CPD is personal. Each individual has different strengths and weakness, maybe a planned career pathway, specific interests and variable access to CPD. And sometimes the unexpected cause a change of direction. Therefore, we each have to cut our coats according to our cloth, as they say.

In my experience, the key element for any CPD activity to be most effective is enthusiasm. If you enjoy what you are doing, you will gain more from it than if you treat it as a necessary evil.

**Philippa Nobbs**

IST Acting Education Officer



# Double Fellowship Awarded

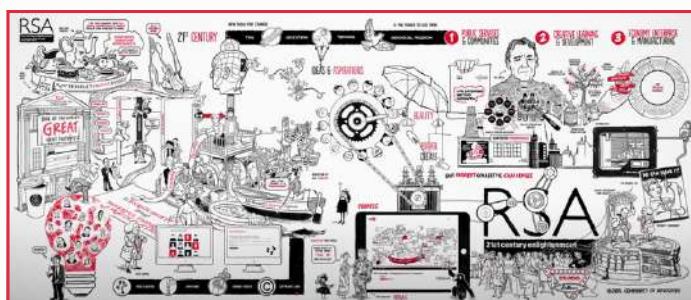
The Royal Academy of Arts and the Higher Education Academy

## AWARDS

Mohamed El-Guindy has been granted a Fellowship of the Royal Society of Arts (FRSA) for his contribution to the society in the research related to Media and Information literacy for UNESCO projects; in addition to his contribution to the Arabic Media Sphere on raising awareness of critical issues related to the digital world via his TV show "Tech Talk".

In addition to his work with the UNODC in changing the culture of policymakers, law enforcement and prosecutors in MENA region to reconsider the threat of cybercrime and the importance of digital evidence and cyber investigation as a tool to fight back.

Founded in 1754, the RSA aims to promote creativity across industry and develop collaborative networks to formulate innovative new ideas and help society flourish. Fellows of the Royal Society are elected by a panel of existing fellows who consider the nominee's merits, creativity and alignment with the society's ambitions. Fellows are permitted to use the post-nominal letters 'FRSA' and Mohamed El-Guindy joins a select group of around 30,000 fellows globally, including Tim Berners-Lee and Stephen Hawking; former fellows of the RSA include Karl Marx, Benjamin Franklin and Charles Dickens.



The RSA has been at the forefront of social change for over 260 years. Today their work focusses on supporting innovation in three major areas: creative learning and development, public services and communities, and economy, enterprise and manufacturing.

Mohamed has also been awarded as an Associate Fellow of the Higher Education Academy.

Advance HE are dedicated to helping higher education shape its future. Providing insight, so you can use the foresight, enhancing organisational performance, to deliver sustainable change and developing and connecting people, so they can deliver impact. They are also keen to accredit achievement, so individuals can be recognised. Mohamed's certificate of Associate Fellowship can be seen below.



## Congratulations Mohamed for both of your achievements.

Mohamed has contributed to many of the Journal publications for the IST and is a dedicated professional, eager to build on his passions.

### IST Fellows

The IST offers Fellowship of the Institute and is the most senior grade available. It is an indicator of the highest level of achievement within the profession. Individuals may apply or be nominated, according to the guidance laid down by the Executive, and if suitable will be elected by the Fellowship Committee.

# Technical Spotlight

Dr James Fox, Laboratory & York Tissue Bank Manager

#TechnicianJourney



**James works at the University of York as a Laboratory and York Tissue Bank Manager.**

## What do you do at your institution?

My role is split 80% laboratory manager for two buildings (13 research groups) in which research is focused in the areas of immunology, haematology and infection by staff and students from the Department of Biology and Hull York Medical School. My remaining 20% is as the York Tissue Bank Manager and person designate on the universities human tissue act licence. I'm also involved in our technician network, TechYork, and delivery of our universities pledge to the Technicians Commitment.

## Why did you want to work as a Technician?

Being a technician is a fantastic job, I have an amazingly diverse role in which no two days are ever the same. I need to be responsive as and when issues arise but also strategic to consider the long-term goals of the department. I love research and problem solving and my role enables me to do this as well as train and manage staff, interact with students, maintain equipment and building

infrastructure as well as facilitate regulator compliance utilising all my skills and experiences, whilst having some flexibility to take advantage of new training/upskilling or opportunities as they arise.

## What makes your role so vital at your institution?

Within the buildings I manage, research is conducted on parasites classified as hazard group 2 / 3 organisms by the advisory committee on dangerous pathogens. As such, we have five containment level 3 laboratories that I manage to meet the health and safety executive's regulatory requirements. Similarly, there are strict regulatory requirements for storage of human samples under the human tissue act so I advise our researchers and facilitate access to human samples through the tissue bank whilst ensuring compliance with the regulatory authority.

## What did you do before you became a Technician?

After completing a PhD and undertaking various post-doctoral, lab manager and technical roles at four different universities, I moved to my current position. The wealth of experience I gained previously working in different labs and at different institutes has been really useful in my current role.

## What do you enjoy doing when you are not working?

We recently got a Parson Russell Terrier, Max, from our local Jerry Green Dog Rescue centre so my spare time is now filled with lots of dog walks!



# Online Resources

Free Resources for our members

## Coding & Programming Courses

Codecademy offers free coding classes in 12 programming and markup languages, including Python, Ruby, Java, JavaScript, jQuery, React.js, AngularJS, HTML, Sass and CSS.

## HEaTED - Management, Health & Safety & Sustainability

HEaTED are offering a small number of courses to their technical community members on the following topics, these are free but there are limited spaces, so get in touch if you're interested.

## Plenty of Subject Areas

Harvard offers online access to course materials, lectures & educational content for free.

## Science Council Resources

Useful Resources for members, registrants, applicants and support for scientists & apprentices

## University-level Courses

EdX has university-level courses developed by schools and non-profit organisations. These programs are offered for free to users, with courses from universities such as MIT and Harvard.

## Web Development

General Assembly is a for-profit education organization, but they also offer a free course that promises to teach students the basics of web development.

## World Class Education - For Everyone, Anywhere

Khan Academy was developed in 2006 as a non-profit educational organization, with the distinct goal of educating students online for free.

## National Centre - Sharing Access To Knowledge Exchange



The NTDC are offering a platform for knowledge exchange to increase access to sharing of key resources. You can access free resources available such as approved methodology. You can also contribute to the resources by contacting them at [covid-19-resources@ntdc.ac.uk](mailto:covid-19-resources@ntdc.ac.uk).

# IST Corporate Affiliate

Our Valued Organisations that we are supporting



The University Of Sheffield.



Brunel University London



Manchester Metropolitan University



UNIVERSITY OF BIRMINGHAM

Our Corporate Affiliated organisations can receive a number of benefits from the IST including promotion / delivery of events and workshops for technical staff, support for and promotion of Professional Registration, validation of in-house training programmes etc. Other more bespoke benefits can be discussed, where appropriate.

Please contact [office@istonline.org.uk](mailto:office@istonline.org.uk) or visit our website for more information.

**The Science Council have a number of resources available for registrants - click here to view**

**CSci**  
Chartered Scientist

Chartered Scientists demonstrate effective leadership, using their specialist knowledge and broader scientific understanding to develop and improve the application of science and technology by scoping, planning and managing multifaceted projects.

**RSci**  
Registered Scientist

Registered Scientists apply their skills and knowledge whilst working autonomously and have the ability to resolve problems and identify, review and select appropriate techniques, procedures and methods.

**RSciTech**  
Registered Science Technician

Registered Science Technicians work with minimal supervision in technical roles, delivering essential scientific services and support within laboratories, schools and universities, hospitals and in many other workplaces.

**CSciTeach**  
Chartered Science Teacher

Chartered Science Teachers combine the scientific knowledge and understanding with the skills and expertise required by individuals involved in the practice and advancement of science teaching and learning.

**Contact us and find out more**

[registration@sciencecouncil.org](mailto:registration@sciencecouncil.org) | 020 3434 2020 |

[www.sciencecouncil.org](http://www.sciencecouncil.org)



@Science\_Council





## #ThankTheNation

Thank you to all our members including the technicians and everyone working in research or providing a service.

Thank you to all the doctors, nurses, midwives, paramedics, carers, social workers and everyone on the health and social care front line.

Thank you to the volunteers and helpers looking out for those in need.

Thank you to our teachers and childcare workers for looking after our children.

Thank you to our Creative Industries professionals in entertainment keeping our spirits high.

Thank you to the workers in telecommunications and postal services keeping us connected with friends and loved ones.

Thank you to the public safety and national security workers for keeping us safe.

Thank you to local and national government workers involved in delivering effective public services.

Thank you to our researchers and scientists looking into efficient testing and vaccine treatments.

Thank you to the food chain workers for producing, processing, distributing, selling and delivering goods to us.

Thank you to our utility workers keeping our oil, gas, electricity, water, waste collections and sewage operations running.

Thank you to our local community aides for being there for the people who need assistance

Thank you for the international efforts across the globe.

Thank you to everyone who is keeping the economy going.

Thank you to everyone staying at home.



## #ThankTheNation



## Wanting to say Thank You too?

THANK YOU. TOGETHER WE WILL BEAT THIS.

IST

**[YOUR MESSAGE HERE]**

#ThankTheNation

#istonline

If you would like to say thank you to anybody in particular or would like to thank a particular group of people, why not use our template (at the end of the eNewsletter).

You can then take a picture and post your Thank You on Twitter or Facebook using the hashtag:

#ThankTheNation



# GET INVOLVED

How you can get involved with the IST?

## Contribute to our Newsletter

IST members have the opportunity to contribute to the quarterly newsletters and our international annual Journal. Contact [office@istonline.org.uk](mailto:office@istonline.org.uk) to request an opportunity to publish an article. It can also provide you with CPD points for your annual reviews. The Institute of Science and Technology is Your Professional Body, so make the most of your member benefits and consider writing for the Newsletter and Journal.

## Contribute to our Journal

Do you have any articles that you feel would be of interest to the technical community? Or do you need to promote a relevant article or event? We are looking for articles to include in the next IST Journal, so if you do have anything then please get in touch. Please contact us at [office@istonline.org.uk](mailto:office@istonline.org.uk) or you can get in touch with the editors below.

## Special Thanks to This Month's Contributors:

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**THANK YOU. TOGETHER WE WILL BEAT THIS.**

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