



PROGRAM FOR OUR BRAVE NEW WORLD 4th June 2024

The Pavilion, Hatherley Lane, Cheltenham GL51 6PN

- 09.30 Door open and registration in reception area.
TEA AND COFFEE - Café
- PLEASE BE SEATED IN THE AUDITORIUM BEFORE THE START OF EACH SESSION**
- 10.00 – 10.05 Welcome and announcements
- 10.05 – 11.15 ALTERNATIVE REALITIES – THE FUTURE IMPACT OF
ARTIFICIAL INTELLIGENCE ON SOCIETY
John Handby FBCS
- 11.15 - 11.45 **TEA, COFFEE & BISCUIT BREAK – Café**
- 11.45 – 12.45 DOES YOUR COMPUTER SLEEP SOUNDLY AT NIGHT?
Professor Mike Corcoran BSc
- 12.45 – 1.45 **BUFFET LUNCH SERVED IN THE CAFÉ**
- 1.45 – 2.45 INTRODUCING HUMAN FACTORS – WHAT IS IT?
WHY DO WE NEED IT?
Amanda Kirby BEng, PG Cert, MIET, MCIEHF
- 2.45 – 3.15 **TEA, COFFEE& BISCUIT BREAK – Café**
- 3.15 – 4.00 STRUCTURED QUESTIONS for all speakers.
Questions to be collected throughout the day due to the
limited time available to each speaker.
- 4.00 – 4.10 Thanks, presentations, Close of Conference



SPEAKER INFORMATION

10am – 11am

John Handby

Chartered Fellow of the British Computer Society, Liveryman of the City of London and the Worshipful Company of Information Technologists.

John's career began in Whitehall working on policy issues primarily in the Department of Health and The Treasury (where he was responsible for managing the education budget). He then moved into IT related roles and ended up directing various large-scale change-based programmes within the public sector. Following this he occupied a series of top level IT Director/Chief Information Officer (CIO) positions at GlaxoSmithkline, Meril, National Power (now Innogy) and Royal Mail – in each case introducing programmes of major transformational change. In the case of GlaxoSmithkline and Meril these were international roles.

On leaving corporate life John became the founding Chief Executive of CIO Connect, established as a conference and networking organisation for CIOs in the UK bringing together the latest thinking on technology issues, commissioning research etc. At the same time, he was the UK advisor to EuroCIO, a body set up to undertake a similar role across Europe. During this period and subsequently he also worked as IT advisor to the Boards of major corporations and as a consultant in the technology sector; reviewing company strategic directions, marketing campaigns and sales approaches, as well as mentoring and coaching senior executives. He has also served both as an advisor and on the Boards of high-tech start-up companies.

John acted as an advisor and then Board member of CriticalEye – the networking and leadership organisation for senior executives – playing a significant role in the development of this organization.

John retains a strong interest in technology issues, and in particular the emerging field of artificial intelligence and its sociological implications, about which he lectures regularly.



SPEAKER INFORMATION

11.30am – 12.30am

Professor Mike Corcoran BSc(Hons)

Career progression: Principal Research Fellow, University of Warwick; Visiting Professor (Cyber Studies), De Montfort University; Cyber & Influence Senior Research Fellow for Royal College of Defence Studies; Senior Nuclear Security Officer, International Atomic Energy Authority; Deputy Head & Founder, Dstl (Defence Science and Technology Laboratory) and Cyber & Influence Centre.

Mike is a Technologist with broad experience of the requirements of National Security with considerable practical experience of National Security and Critical Information Infrastructure Protection. He has directed such programmes and briefed the results at the highest level; and he has been employed as a Government security consultant on numerous occasions for sensitive, high threat / high risk, projects

Mike has 50 years' experience in intelligence and security operations and analysis, primarily military, with UK special duties organisations. Since 1994 he has been actively involved in developing and applying the broad spectrum of Cyber and Influence Operations and in 2007 co-founded the Dstl Cyber & Influence Centre to direct and manage research in this area.

Mike's specific areas of expertise are Cyber Strategy, Computer Network Operations involving Influence, Critical Information Infrastructure Protection and Network Security.

Mike retired from Dstl in 2014, following a second secondment to CPNI (now NPSA (National Protective Security Authority) & NCSC (National Cyber Security Centre)) to assist in developing their future research programme. In addition to a range of academic posts he was till recently a Senior Nuclear Security Officer with the International Atomic Energy Agency where he lectured internationally on the security of nuclear facilities.

Formerly, Mike completed 22 years' service with the UK Army's Intelligence Corps. His hobby is long-distance walking. He regularly undertakes long distance treks in Nepal and India and in collaboration with the UK FCO Chevening courses this led to engagement with the establishment of a child protection centre in Puna, India.



SPEAKER INFORMATION

1.30am – 2.30am

Amanda Kirby BEng, PG Cert, MIET, MCIEHF

Research Director at K Sharp Ltd., Carmarthen, Wales, which offers research and consultancy in understanding human behaviour, cultures, anatomy and physiology, psychology and engineering.

Amanda is a graduate from the Royal Military College of Science at Shrivenham with a degree in Command, Control, Communication, and Information Systems Engineering. She worked for DERA (Defence Evaluation and Research Agency) and subsequently QinetiQ in Malvern. She has over 20 years of experience in a range of research projects focused on applying Human Factors, to counter terrorism, people in systems, disruptive technologies, and innovative thinking to meet the requirements of current customers trying to solve future problems. She is a member of the Institute of Engineering and Technology (IET) and the Chartered Institute of Ergonomics and Human Factors (CIEHF).

Amanda is married and has three children which she has home schooled. The eldest is in her first year at university, her next eldest is in the first year of sixth form college. Amanda's youngest child is likely to follow her siblings into higher education.

Amanda's presentation will focus on introducing Human Factors – What is it? Why do we need it? She will discuss the links from Human Factors to a range of areas such as Artificial Intelligence (AI), autonomous vehicles, climate change and space. She will reference recent K Sharp projects involving counter terrorism, strategic change, social media, wearable technologies and human factors integration. Many of the contracts have links to local authorities and Universities within the Cotswold Link u3a geographical area.