7ᵗʰ NExT PhD Workshop, Garden Room, The Cosener's House
SEPnet Employer Panel, Thursday 29 June 13.30 – 15.00

Please read the following biographical details before the SEPnet Employer Panel session so you can prepare some questions for our panellists.

Biographical Details

Alys Brett
Alys Brett works at for UKAEA at Culham Centre for Fusion Energy in Oxfordshire (www.ccfe.ac.uk). She has a background in Physics and has worked as a software engineer in research organisations for over 10 years. She now leads a team of seven software engineers responsible for data systems and tools for the JET experiment – the largest nuclear fusion reactor in the world. She is joint-chair of the UK Research Software Engineers' association (www.rse.ac.uk) which aims to improve research software by improving recognition and career structures for the people who develop it.

Chris Cormack
Chris Cormack is currently a managing partner in a boutique consultancy offering bespoke quantitative solutions for all areas of financial risk including credit, market and operational risk. Prior to this he was head of market risk for a large banking group and a quantitative risk manager for a UK hedge fund. Before a career in finance, Chris was a lecturer in physics at Queen Mary University of London and holds an MA in physics from Oxford, a PhD in particle physics from Liverpool and a Masters in mathematical finance from Oxford.

Rikki Douglas
Rikki Douglas is the Sales and Marketing Director for Ultra Electronics Nuclear Control Systems. Rikki joined Ultra in 2012 as Global Sales Manager to lead sales, strategy and business development in the field of sensors and radiation monitoring. Specialising in radiation detection, health physics and reactor I&C, Rikki has more than 15 years' experience in the Nuclear Industry with a strong background in client facing technical sales, applications engineering, marketing, commercial and management roles. She holds an MPhys in Physics from the University of Lancaster, an MSc in Radiation and Environmental Protection from the University of Surrey and an MBA from The Open University.

Stephen Haywood
Stephen is the ATLAS Group Leader at the STFC Rutherford Appleton Laboratory and is also Deputy Director of the Particle Physics Department (PPD).

Stephen has worked on ATLAS for 24 years, having been involved in the performance studies for the Inner Detector (ID) in the early days. Then he was one of the project managers for the construction of the Silicon Strip Tracker (SCT) End-cap. He has also been involved in electron/photon studies, the ID Alignment and ATLAS computing.
Before ATLAS, he did his PhD on UA1 and then worked on ALEPH as a CERN Staff member.

Most of his time is spent running PPD and overseeing the finances for the UK-PP programme. He also teaches a postgrad course at the University of London.

Cassie Hill

Cassie completed a BSc Hons in Physics with Space Science Systems from Kent University in 2005 and shortly after joined the Shock Tube team at the Atomic Weapons Establishment (AWE) Aldermaston studying Richtmyer-Meshkov instabilities in fluids. Since then she has done a number of roles within AWE, from performing explosive experiments investigating mitigation of blast properties, to development of techniques for detecting illicit movement of Special Nuclear Materials (SNM). She is now the Group Leader for the Radiation Detection Group who specialise in detecting and characterising nuclear materials.

Gil Travish

Gil currently serves as the Chief Science Officer (CSO) for Adaptix Ltd. He is also a co-founder and director of the company. As a research scientist, he has explored radiation production from THz to gamma-rays for the past two decades. As the lead inventor of the technology underlying the flat-panel x-ray source under development at Adaptix, he has been motivated to see the technology leave the lab and enter into the market. As a company founder he has contributed to the market introduction and business development. These efforts are driven by a desire to provide a new tool to radiologists and clinicians. During his academic career he has had the privilege of working on some pioneering experiments and been the PI of a research team in particle accelerators and manager on multiple grants from the DARPA, NNSA, DOE, NSF, NRO, and other DOD agencies. Having made the transition from academia to industry, he understands and shares the pain facing recent graduates trying to decide on a direction.

Fred Wilson

Fred Wilson is a Medical Physicist who has been working on the application of Medical Imaging and Physiological Measurements to drug development since 2008. He worked for 4 years at Pfizer (Sandwich, UK) and then as an independent consultant before joining GlaxoSmithKline (Stevenage, UK) in July 2014, where he is the clinical imaging lead for the Respiratory Therapeutic Area. Prior to joining the pharmaceutical industry he worked as a Medical Physicist in the NHS and in several other technically focussed R&D roles in other industries. He holds an MA and MSci in Natural Sciences from the University of Cambridge and an MSc in Medical Physics from the University of Exeter, and is a member of the Institute of Physics (IoP), Institute of Physics and Engineering in Medicine (IPEM), International Pharmaco-EEG Society (IPEG) and the European College of Neuropsychopharmacology (ECNP).