Clinical and Scientific Computing SIG Symposium: The role of CSC in Healthcare

Tuesday 19th July 2022 - Online

09:30 - 09:35	*Welcome*	

Session 1 – Scientific Computing CoI Topics of Interest Invited Speakers Part 1

09:35 - 10:05 **Investigating AI validation using the National Covid Chest Imaging Database**
Jennifer Hall, The NHS AI Lab, NHSX

10:05 - 10:35 **Data Curation for Research and Innovation**
John Lilley, Leeds Teaching Hospitals NHS Trust

10:35 - 10:45 **Break**

Session 2 – Proffered Papers,
10:45 - 11:00 **ImportError: No Module named pydicom" – Finding Suitable Platforms for Scientific Computing Projects**
Drew Davie, Bristol Haematology and Oncology Centre.

11:00 - 11:15 **PROPEL – A DICOM ETL and Plan Quality Monitoring System**
Antony Carver, University Hospitals Birmingham NHS Foundation Trust

11:15 - 11:30 **Benefits of Redmine in Radiotherapy Physics**
Robert Ross, Gloucestershire Hospitals NHS Foundation Trust

11:30 - 11:45 **Mapping data flows in a radiotherapy department using in-house developed software**
Daniel Warren, University Hospitals Birmingham NHS Foundation Trust

11:45 - 11:55 **Break**

Session 3 - Scientific Computing CoI Topics of Interest Invited Speakers Part 2

11:55 - 12:25 **Cyber Security of Medical Devices**
Michael Ayers, King's College Hospital NHS Foundation Trust

12:25 - 12:55 **Talking IT in Healthcare**
Martin Sykes and Kris Weavill, Northern Lincolnshire and Goole NHS Foundation Trust

12:55 - 14:00 **Lunch Break**

Session 4 - Working Arrangements for Clinical and Scientific Computing,
14:00 - 14:10 **Introduction with reference to Workforce survey**
Edwin Claridge, Retired from University of Birmingham NHS Foundation Trust

14:10 - 14:25 **The first two years of a Scientific Computing Team**
Jack Baldwin, Leeds Teaching Hospitals NHS Trust

14:25 - 14:40 **A Reflection on Developing a Clinical Scientific Computing Team from the Perspective of the Clinical Implementation of a Research Dementia Imaging Reporting Tool**
James Leighs, University Hospital Southampton

14:40 - 15:00 **Clinical and Scientific Computing Group Origins and Experiences** - *Robert Ross, Josh Kirby, Patrick Maw and James Leighs (CSC SIG)*

15:00 - 15:10 **Break**

15:10 - 16:00 **Panel/Roundtable discussion on the Clinical and Scientific Computing Profession** *(Assorted CSC professionals)*

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Programme subject to change