

Agenda for Thursday 19th April 2018

College of Medical and Dental Sciences Medical School. Medical School, University of Birmingham, Vincent Drive, Edgbaston, B15 2TT

10:00 - 13:00: Main meeting

People attending:

Asa Barber, Portsmouth
Alex Sossick, Cambridge
Steve Bagley, Manchester
David Barry, Crick
Laura Murphy, Edinburgh
Jeremy Pike, Birmingham
Graeme Ball, Dundee
Stephen Cross, Bristol
Erick Martins-Ratamero, Warwick
Josette Camilleri, Birmingham
Martin Jones, Crick
Dominic Waithe, Oxford, (acting chair).
Ziqiang Huang, Cambridge
David Strachan, Glasgow

Foreword by Steve Watson (Academic Head of Imaging Technology, Birmingham)

Introduction by Dominic Waithe.

Practical topics for discussion at the Birmingham meeting:

- How often should we meet?
- Suggested Names for this group. (Feel free to suggest).
 - UK (Bio) Image Analysis Group
 - Microscopy Image Analysis Group UK
 - BioImage Analysis - UK
 - UK-IA or UKIA (UK Image Analysis)
 - UKLS-IA (UK Life Sciences Image Analysis)
- Email list (JISCMail?) formation.

Focused Interest Group Outline document (Discussion and generation of document).

- What we are? How do we frame ourselves within the scientific ecosystem and what do we stand for. Some of the below points are divisory but we need to have solid answers for each even if our remit extends over multiple points of view.
 - What activities are within our remit, and what outcomes are we aiming for?
 - Is (Bio)Image Analysis a science or a service (most likely both) and where do we stand on this issue?
 - Should career paths be either technical or academic for (Bio)Image Analysts? What side of this are we more interested in.
 - Cost recovery models for image analysis in a facility environment. What is our stance on this issue?

- Am I getting the professional support I need?
- Should there be grant funding to maintain software rather than initiating novel research projects, is this important to us?
- What are we going to do?
 - Image analysis training, standards and qualifications. NEUBIAS has made a great start at this, how do we do more?
 - From Leila Muresan: *"...I would like to bring to your attention the Research Software Engineer Association (<http://rse.ac.uk/>) and the Software Sustainability Institute (<https://www.software.ac.uk/>) that can provide some support and help in case writing software will make it high enough on our priority list (as I certainly hope it will). RSEA is a very dynamic organisation, I have personally a very good experience being part of it, there is a lot of (microscopy) image analysis interest and overlap with the questions I saw in the skeleton of the document. It would be worthwhile to think how their expertise/help could strengthen our case."*
 - How do we encourage the inclusion of (Bio)Image Analysts on research funding and advisory panels?
 - Who can help us in the scientific and business communities?
 - How do we get better representation in the larger image analysis arena?
 - How can we ensure that (Bio)Image Analysis is represented in the curriculum of computer science as well as biomedical sciences.
 - How best can we attract computer scientists and biophysicists who have skills within this discipline but do not engage with the bioimaging community?
 - Should we be engaging more actively with bioinformaticians and how could we do this?
 - From Gabriella Rustici: *"I am a key contributor to ELIXIR, the pan european infrastructure project for biological data, and the UK Node of ELIXIR could be a good partner to interact with if you wanted to intercat with this community. We do have an Imaging Atlas working group as part of it which could be an interesting entry point."*
 - Do we want to be targeting core facility support people, to help facilitate them to train their users or directly to end users of image analysis software?
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- Anything else we should add to the document?

Next steps recap

AOB

- 'UK Image Analysis Community meeting (NEUBIAS UK)' session at the Microscience Microscopy Congress 2019 (mmc2019) at Manchester Central on 1 – 4 July 2019.
 - Suggestions for speakers.