**Programme for the 45th Scottish Microscopy Symposium**

The Beatson Institute

**22nd November 2017**

**Theme of meeting: Resolution**

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| **09.00 – 09.45** | Registration and coffee  Trade exhibition and poster hanging/display  Book your place for lunchtime workshops |
| **9.45 – 09.50** | **Lecture Theatre**  **Welcome and outline of the day and workshops** |
| **9.50 – 10.00** | **FACILITY TALK**  **Leo Carlin, Beatson Institute**  “The Beatson LM Facility”  **SESSION 1 Better resolution from imaging to light microscopy** |
| **10.00 – 10.30** | **Sandy Cochran and Holly Lay, School of Engineering, University of Glasgow**  “Microultrasound imaging and other techniques as a route to increased spatial resolution” |
| **10.30 – 10.50** | **Katie Hughes, Welcome Centre for Molecular Parasitology, University of Glasgow**  “Flow cytometry with imaging: using the Imagestream in parasitology” |
| **10.50 – 11.40** | **KEYNOTE**  **Ricardo Henriques, MRC Laboratory for Molecular Cell Biology, UCL, London** “From TIRF to SRRF using NanoJ” |
| **11.40 – 12.00** | **PUBLIC ENGAGEMENT LECTURE** |
| **12.00 – 14.00** | **Mhairi Towler, Vivomotion, Dundee**  “Making your presentations more animated: the experience of Vivomotion”  Lunch and Tradeshow / Poster session / Photo competition / Tour of facilities and Workshops\*  (Lunch is included in the registration cost) |
| **14.00 – 14.45** | **KEYNOTE**  **Gaia Pigino, Max Planck Institute, Dresden**  “Structural and functional studies of cilia and intraflagellar transport by 3D cryoEM” |
| **14.45 – 15.00**  **15:00 – 16.00** | **FACILITY TALK**  **David Bhella, MRC Centre for Virus Research, University of Glasgow**  “New National CryoEM Facility at the Sir. Michael Stoker Building, University of Glasgow”  **IBB GROUP DISCUSSION**  Room-tbc  IBB group discussion including: update on projects, highlights of the day and possible applications to your project, public engagement |

*\*There are 11 trade stands.*

*The photo competition will be judged by Mhairi Towler. Submission details will be available on the SMG website.*

*Abstracts will be published on the SMG website for download ahead of the meeting.*

***Workshops:*** *Carl Zeiss (Mark Montgomery): “Fast and Gentle Confocal Imaging with Airyscan, featuring the Airyscan 88”. Leica Microsystems (Alain Stewart) , featuring t*heir new TIRF system: “Just one of the many options available on the new DMi8-S live-cell platform.”

*OMERO (Will Moore) “Introduction to OME, MERO and OMERO-figure.*

***Register for workshops at the registration/reception desk on the day.***

**How to get here:**

* **Train from Edinburgh Waverly:** <https://goo.gl/maps/TvjDW6jVHiA2>
* **Public transport:** <http://www.beatson.gla.ac.uk/About/public-transport.html>
* **Travelling by car:** <http://www.beatson.gla.ac.uk/About/travelling-by-car.html>
* **Parking:** See map below for the blue marked visitor car parks-more information on whether permits are needed will follow shortly

**Useful links and Information:**

* **Event information and registration:** <https://www.eventbrite.co.uk/e/scottish-microscopy-group-symposium-2017-registration-37873765452?aff=eivtefrnd#tickets>
* **Student registration:** £20 (this is funded by the IBB EastBio budget), please let me know if you would like to attend and any dietary requirements by **Friday 20th October** and **further information on** **registration will be circulated shortly.**
* **PI registration**: £30 (this is NOT funded by EastBio). Please use the link above to register before the **deadline 15th November.**
* **Scottish Microscopy Group Symposium Programme:** <http://scottishmicroscopygroup.org.uk/wp-content/uploads/2017/10/SMG2017_final-programme_111017.pdf>

