**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-tbcIBB 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>

