



## **Open Microscopy Environment Consortium User's Meeting**

**Jason Swedlow**

**Wellcome Trust Centre for Gene Regulation & Expression**

**Wellcome Trust Biocentre**

**University of Dundee**

**Scotland**

**Glencoe Software, Inc.**

**Seattle, WA**

**USA**



*Thank you!!!!*



**Spencer Shorte**

**Anne Danckaert**

**Jean-Yves Tinevez**

**Christiane Pacaud**

**Institut Pasteur**

**The Wellcome Trust**



*What is this meeting for?*



- **Day 1**
  - **Communication & Feedback**
  - **Usage of OME's Tools & Resources**
  - **Progress of Other Projects**
  - **Priorities**
  
- **Day 2**
  - **Communication & Feedback**
  - **Workshops**
  - **Practical Sessions**
  - **Final Recommendations**



**Chris  
Allan**



**Jean-Marie  
Burel**



**Emma  
Hill**



**Colin  
Blackburn**



**Will  
Moore**



**Andrew  
Patterson**



**Aleksandra  
Tarkowska**



**Wilma  
Woudenberg**



**Scott  
Loynton**



**Scott  
Littlewood**



**Josh  
Moore**



**Roger  
Leigh**



**Gus  
Ferguson**



**Blazej  
Pindelski**



**Chris  
Allan**



**Josh  
Moore**



**Carlos  
Neves**



**Melissa  
Linkert**



**Liza  
Unson**



**Chris  
MacLeod**



**Domenico  
Gaudio**



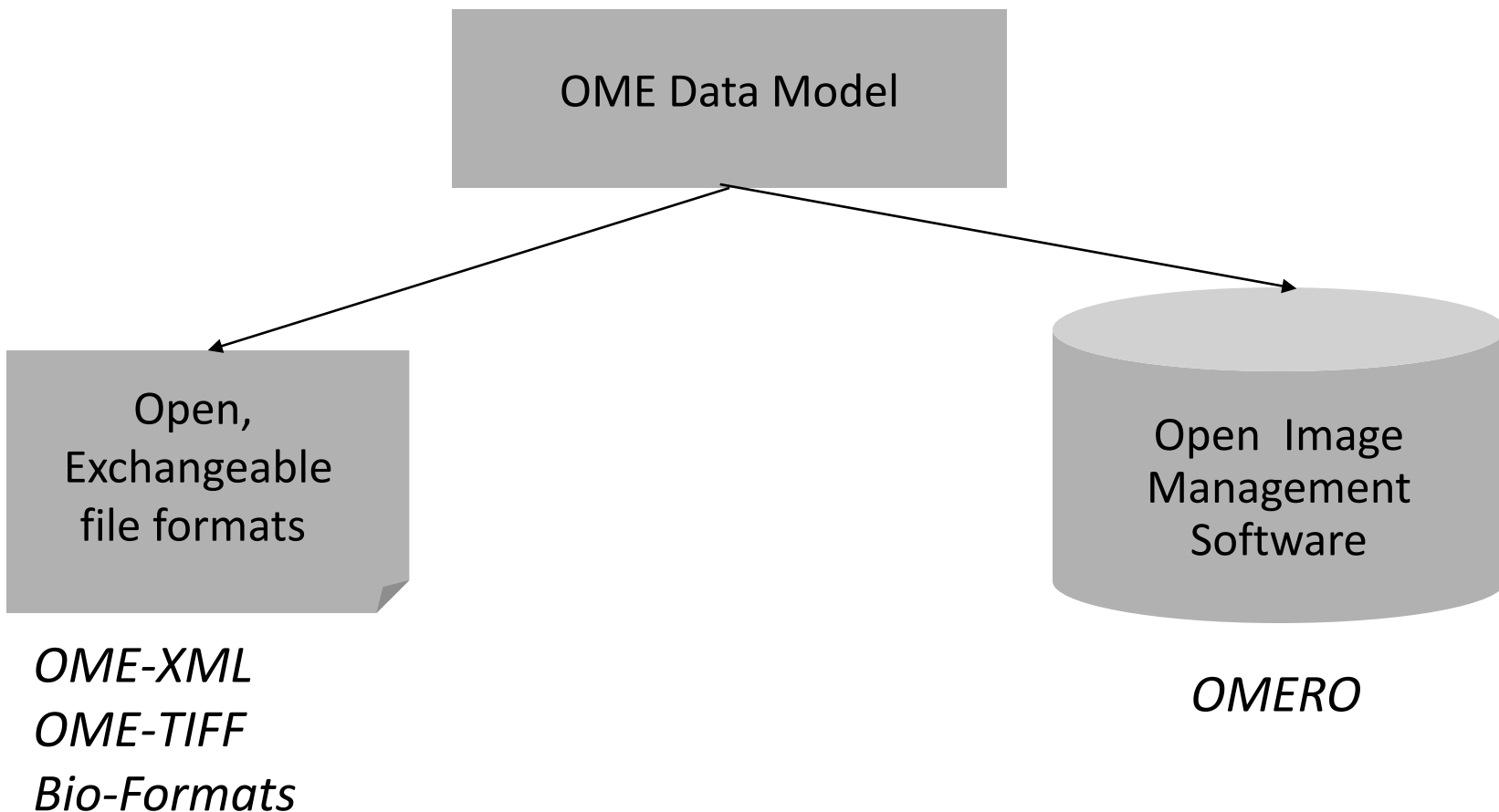
**Wilma  
Woudenberg**

- Overall Goals
- New Look
- Funding
- Management
- Process

# ***Interoperability***

✓ ***Metadata***

✓ ***Interfaces***





- ***Expanded coverage of file format types, with support for N-dimensional data (FLIM, SPIM, Big Lambda, etc.)***
- ***Improved support for access to Bio-Formats from C++***
- ***Support for alternative image data storage methods (e.g., HDF5, netCDF)***
- ***Support for defined ontologies for image data annotation***
- ***Addition of new image processing and analysis algorithms, either released with OMERO, or available to download and integrate;***
- ***Improved visualisation of analytic results in OMERO;***
- ***Expanded data analysis facility, including a central repository for image analysis tools;***
- ***Integration of several machine learning tools, to enable these tools to work with large, shared datasets; support for defined ontologies for image data annotation***
- ***Export of data in OMERO installations to JCB DataViewer, ASCB CELL, or any other established repository that appears during the term of the project;***
- ***Support for publishing of any data within an installation, available to the public using a standard URL, including search robot-readable metadata***



# Liza's Logos





*OME Strategic Award*

*Dundee: 16 positions Satellites: 9 positions*

*Development Support Integration*

**welcome**trust

- **Major Expansion @ Dundee**
  - ✓ Development, Usability, Support, Management
- **Collaborations**
  - ✓ EBI: Kleywegt (EMDB)
  - ✓ Edinburgh: Atkinson (Rapid)
- **OME Satellites**
  - ✓ Edinburgh: Richard Baldock
  - ✓ Oxford: Ilan Davis
  - ✓ Imperial: Paul French
  - ✓ Pasteur: Spencer Shorte
  - ✓ CRS4: Gianluigi Zanetti
  - ✓ Harvard Med: Gaudenz Danuser
  - ✓ CMU: Robert Murphy
  - ✓ NIH: Ilya Goldberg
  - ✓ Madison: Kevin Eliceiri

**welcome**trust



All Requests 10

Yours

- joshmoore 3
- stick 2
- will-moore 2
- ctrueden 1
- ximenesuk 1
- sbesson 1

### 10 open requests

Keyboard shortcuts available

- Code style review (#6953, #6955)**  
@joshmoore, @jbburel, @melissalinkert, reopening will-moore/openmicroscopy#25  
sbesson submitted to openmicroscopy/openmicroscopy 3 days ago Updated 3 days ago 0 comments
- Build/deploy issues**  
Minor things that are not appropriate for sprint17-bugfixes. The Windows commit(s) should allow t...  
joshmoore submitted to openmicroscopy/openmicroscopy 4 days ago Updated 3 days ago 0 comments
- production quality apache configuration template**  
better template fixes some minor issues with the existing apache config. configures omero.web to ...  
stick submitted to openmicroscopy/openmicroscopy 10 days ago Updated 6 days ago 1 comment
- 8696 db perms**  
OMERO4.4RC1\_\_0 database along with upgrade script. This is currently written against openmicroscop...  
joshmoore submitted to openmicroscopy/openmicroscopy 11 days ago Updated 5 days ago 0 comments
- Update license headers in xsd-fu templates**  
This changes the headers to match those present in bioformats.git's ctrueden/license-headers branch.  
ctrueden submitted to openmicroscopy/openmicroscopy 12 days ago Updated 10 days ago 0 comments
- Repositories api**  
This PR contains additions to the Repositories API as well as the removal of experimental methods...  
ximenesuk submitted to openmicroscopy/openmicroscopy 2 months ago Updated 2 months ago 0 comments