

Getting started with OMERO in an imaging facility – ...we have a lot of questions!!

CAi



Center for Advanced imaging



handling imaging data

Sebastian

Saleh

Steffen

Thomas

Steffi

producing imaging data

DFG

Deutsche
Forschungsgemeinschaft

Center for Advanced Imaging - CAi



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Equipment

Our Center for Advanced imaging provides high-performance microscopes and scientific photography services. Here you can find short descriptions of every microscope system and additional services.

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Contrast



- 10 microscope systems in collaboration with ~ 200 users producing imaging data
- central file server at our „Center for Information and Media Technology” for data storage, OMERO is installed in the same location, ready to launch

Questions so far..., part I

Facility staff/ user questions:

- How to convince people to use OMERO? What are the benefits?
 - → e.g. „figure“!!!
- User manual/ teaching for user how to use OMERO
- Electronic lab journal compatibility
- Is anyone using OMERO for microscope performance check data storage?
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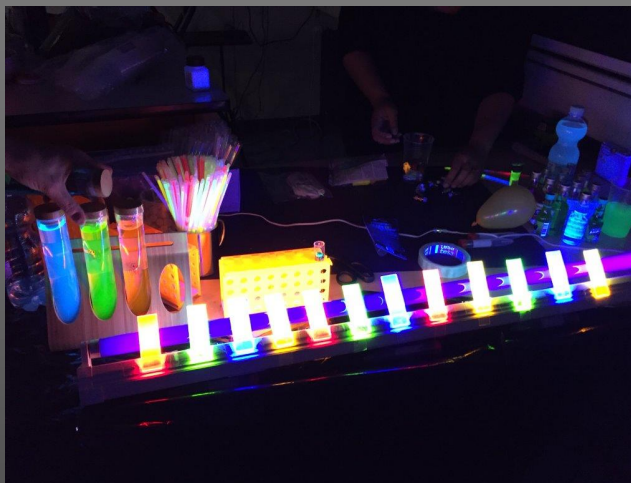
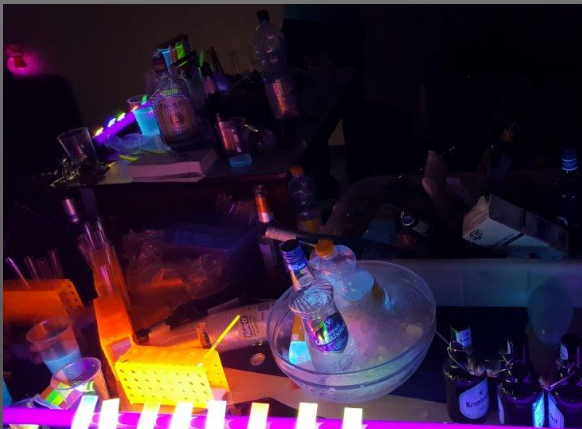
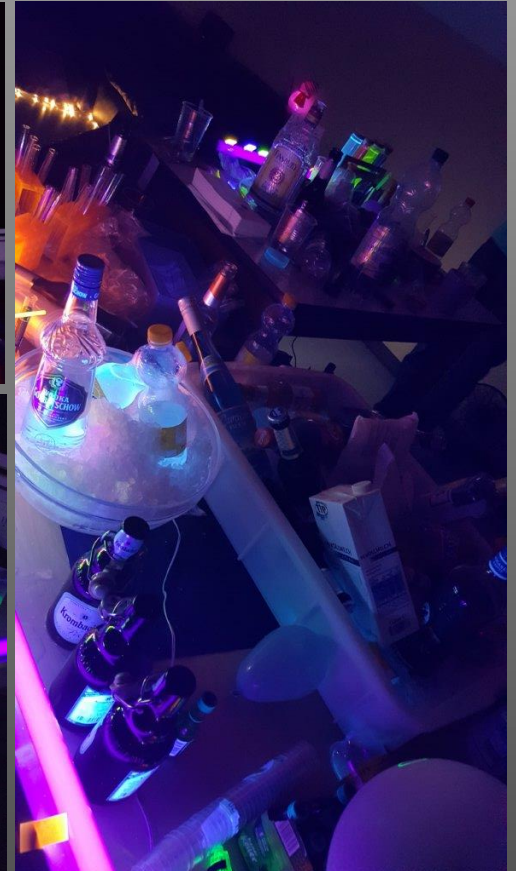
Questions so far..., part II

Technical expert questions:

- Performance check for **upload of image data**
- Recommendations for **folder structure**
- Best practice example for **user/group administration?**
- Are there **user guidelines** in use for duration of data storage/deletion, pay for long-term storage ...
- In case of upcoming problems in OMERO: is there a **diagnostic guide?**
- Is it possible to integrate existing **ontologies** and to use relationships of ontology terms for searching in the database
- Is it possible **to move** a complete user group from one OMERO installation to another one in a different institute or **to export** the complete content, including meta data?
- Maximum pixel number for upload, Zeiss czi file format issue?

(Questions were assembled in a group discussion with our colleagues from CECAD Imaging Facility Cologne)

Having fun with fluorescence at CAi



CAi Party, July 16

....want to have fun with OMERO!!