Training strategy of

German BioImaging

Dr. Nadine Utz
Project Manager of German BioImaging
German BioImaging

- network of German microscopists and imaging specialists
- fostering interaction and exchange of information within the German bioimaging community

Coordinators:
- Prof. Elisa May
  Director Bioimaging Center
  University of Konstanz
- Dr. Roland Nitschke
  Director Life Imaging Center
  University of Freiburg
Workgroups

- How to set up and run a facility
- Financial and legal framework
- Training of facility staff
- New strategies and funding schemes
- Training of facility users
- Image analysis
Workgroup: Staff Training

Training of facility staff

Stefan Terjung, Andreas Vonderheit, Werner Zuschratter, Anje Sporbert, Roland Nitschke, Michael Laue

Improve professional education for core facility staff by

- Collecting and presenting suitable courses (calendar on web page)
- Organizing courses on demand
- Supporting exchange between core facilities
Workgroup: User Training

Training of facility users

Christian Liebig, Hans Fried, Astrid Schauss, Steffen Dietzel, Silke White, Carmen Hauser

• define a range of teaching modules for general use
• list of recommendations for hands-on user training
• produce a list with current microscopy training activities
GerBI Educational Programme

Core Facility Management Training

GerBI Core Facility Management Course for Imaging Specialists

Exchange with colleagues from other facilities

GerBI Job Shadowing Programme

Topical Courses

one place for GerBI Programme

Industry Courses

staff and users
GerBI topical courses

Situation in Germany:

• Topical courses might be of interest for facility staff and users
• (Almost) no specific courses for facility staff
• Many courses for facility users, but in a lot of cases only open to internal participants

GerBI is

• Providing a common platform for courses in Germany (calendar on web page)
• ELMI or EUBI could be a common platform for international/European courses
• “One place for GerBI” Programme
GerBI topical courses

Recommendation for Teaching Modules:

Recommendations for hands-on user training

• Before going to the microscope
• 1st training session
• After the 1st training session
• To get full user status

Link to WG: Training of facility users
GerBI Industry Courses:

Courses organized by German BioImaging together with microscopy companies

• Survey:
  – Find out which topics are of interest for facilities, e.g.
    • Maintenance and troubleshooting training
    • Advanced software training
    • Cleaning of microscopes and optical components
  – Which companies should be contacted

• Get in contact with companies to discuss details of course

• Advantage for companies: Feedback from facility managers

• 1st Leica-GerBI course took place on 6 May 2014

Nadine Utz
One Place for GerBI Programme

Take part in a training Course

• provided by Core Facilities or Research Groups
• outside their own institution

GerBI provides:

• A platform to bring together course providers and participants
• Travel grants
Visit another facility or lab for up to 1 week to learn more about:

- Specific imaging or image processing technique
- General workflow and management of core imaging facilities
- How to teach courses on specific subjects

GerBI provides:

- A platform to bring together hosts and guests
- Travel grants
GerBI Call for Educational Programme: 
*Job Shadowing and 1 place for GerBI*

1. Call for
   - Hosts for the Job Shadowing programme
   - One place for GerBI Courses

2. Call for guests
   - Applicants fill in short form
   - Can apply for travel grants

3. Feedback
   - Host and guest fill in short feedback form
GerBI Core Facility Management Course for Imaging Specialists

- adapted to the special needs of core facility managers

- developed together with

  - Specialized on management courses for scientists
  - Most trainers with scientific background
• Balance your different roles
• Build a productive team culture
• Deal with conflicts constructively
• Manage your time better
• Delegate tasks more effectively

• Deal with different personalities in the team
• Position your facility in your organisation strategically
• Negotiate more effectively
• Hire the right people
• Manage your budget
GerBI Core Facility Management Course for Imaging Specialists

1st course: 8.-11. October 2013
GerBI Core Facility Management Course for Imaging Specialists

- “The workshop provides me for the first time to intensively reflect the position as imaging facility manager…”
- “Covers most of the aspects needed to manage a CF”

How would you rate this course overall?

Mark

1 = Excellent  5 = Poor
GerBI Core Facility Management Course for Imaging Specialists

Next course: 23-27 June 2014 in Konstanz – Island Reichenau

Summary

• GerBI Workgroups
  • Training of facility staff
  • Training of facility users
• Management training
• Exchange with colleagues → Job Shadowing
• Topical courses
  • Recommendations for training modules
  • Overlap between courses for staff and users
  • Elaborating courses together with companies
• One place for GerBI
Thanks to

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