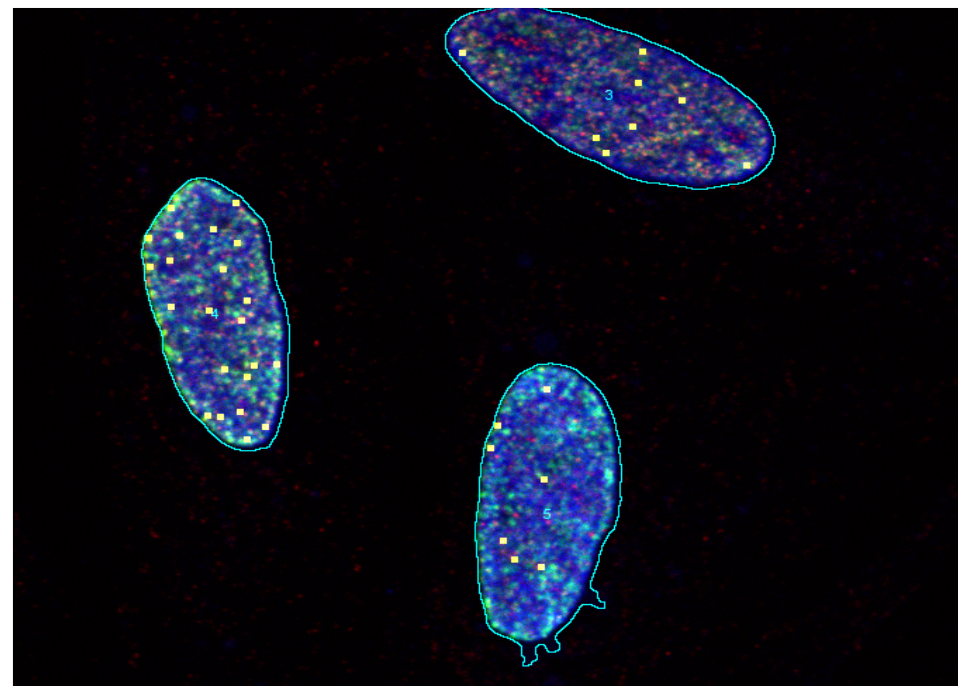


# Overview GerBI and NEUBIAS

**Stefan Helfrich (@stelfrich)**

Building Communities, 01/24/2018



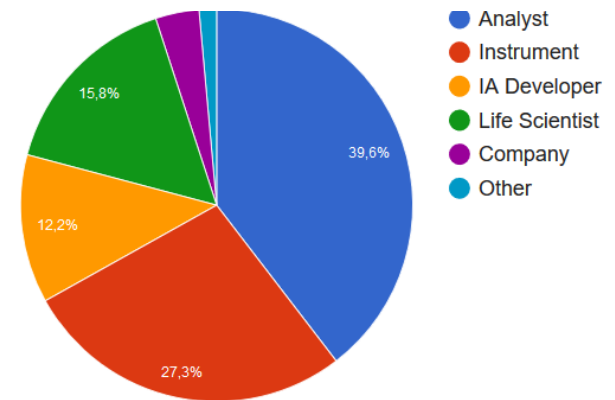
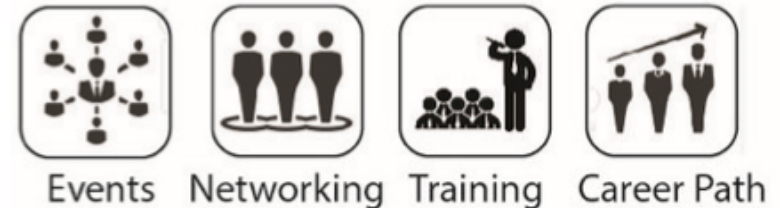
# German BioImaging (GerBI)

- Network of German light microscopy scientists and core facilities representing > 5000 users
- Funded by DFG from 2012 to 2018
- Successor organization (since April 2017): German Society for Microscopy and Image Analysis e.V.



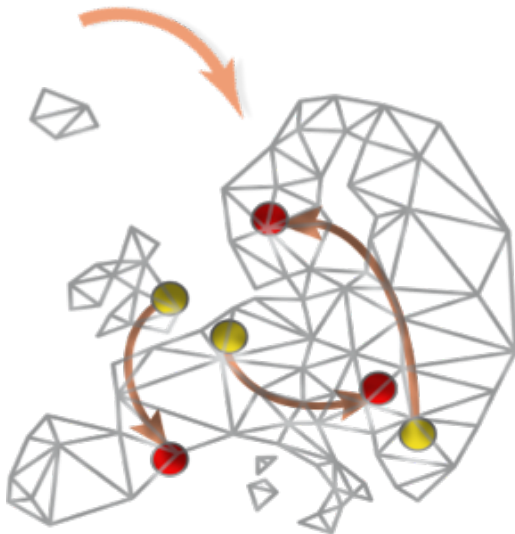
# Network of European Bioimage Analysts (NEUBIAS)

- Network of Bioimage Analysts (~200 members)
- COST Action funded by Horizon2020 money
- Proposed in March 2015
- Goals:
  - Speed up BioImage Analysis via communication and exchange
  - Increase overall knowledge with courses (of three levels)
  - Increase knowledge transfer
- Major challenges
  - Bioimage Analyst often disconnected
  - Spend time re-implementing closed algorithms
  - Bioimage Analysts often considered as developers



# Building Community Efforts

- Biennial Symposium
- Open-Source Software Lounge @ NEUBIAS Symposium
  - Bioemergences, CATMAID, CellProfiler, ClearVolume, Cytomine, FLIMfit, FlyLimbTracer, Icy, ilastik, ImageJ2 / ImgLib2 / BigDataViewer, KNIME, MorphodynamX, OpenImadis, QUASAR, SR Tesseler, SuRVoS
- Short-term Scientific Missions
- Call4Help @ NEUBIAS Symposium



Are you facing a problem in bioimage analysis?  
Have you've already spend hours/days on problem-solving and your results are, at best, unimpressive?  
You've come to the right place!

— Call 4 Help: BioImage Analysis —

# Open Challenges

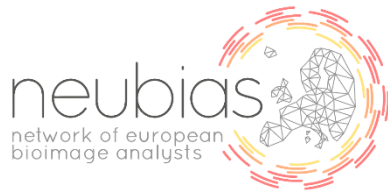
How to handle communication within the community

Should you keep channels that are not open/somewhat open?

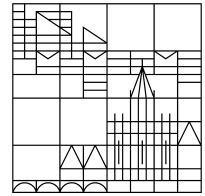
How to coordinate different communication channels?

How to lower the participation barrier for novices?

Where to get funding (small amounts)?



Universität  
Konstanz



**Thanks!**

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