

# LSDMA AHM Karlsruhe 2016

DLCL Neuroscience - Report  
André Giesler (absent)



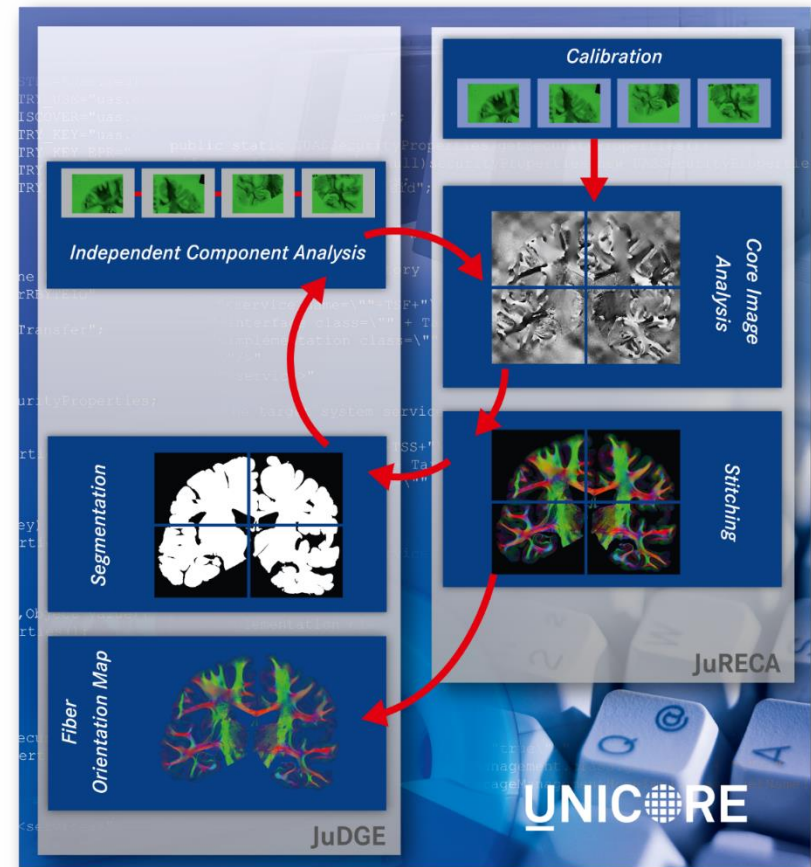
# DLCL Neuroscience Team and Tasks



- André Giesler
  - Myriam Czekala (part-time)
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- André takes part at the JARA HPC Symposium today (4<sup>th</sup> and 5<sup>th</sup> October) presenting provenance paper submission

# 3D-PLI Workflow

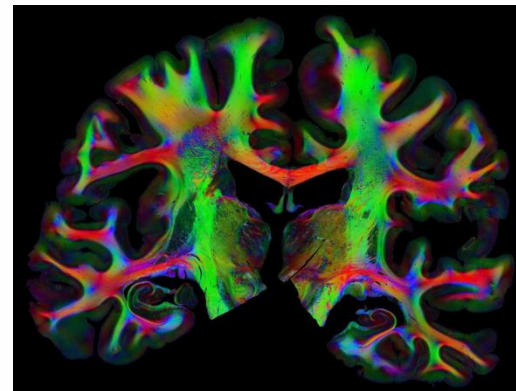
- Activities
  - 3D-PLI UNICORE workflow has been shifted from the URC representation to the UNICORE Portal (allows execution with parameters, no workflow editing)
- Goals
  - Integration in the Human Brain Project infrastructure (HBP Collaboratory)
  - Linking UNICORE provenance mechanism with HBP provenance infrastructure (using W3C-PROV interoperability)



- Publications

Bücker, O. ; Köhnen, S. ; Huynh, A. M. ; Tabbi, G. ; Lührs, A. ; Giesler, A. ; Hagemeyer, B. ; Amunts, K. ; Lippert, T. ; Axer, M.  
“Automation and parallelization of a 3D Polarized Light Imaging workflow”

*22nd Annual Meeting of the Organization for Human Brain Mapping (OHBM), Genf, Switzerland, 26 Jun 2016 - 30 Jun 2016*



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- Publications:

- Rejected (re-submission at later state of project welcomed): A. Giesler, M. Czekala, B. Hagemeyer, R. Grunzke. UniProv: A flexible Provenance Tracking System for UNICORE, Theory and Practice of Provenance 2016 (TaPP'16), McLean
- Abstract accepted, presentation at conference: A. Giesler, M. Czekala, B. Hagemeyer, R. Grunzke. UniProv: Reproducible Science in Workflows, JARA HPC Symposium 2016 (JHPCS'16), Aachen

JARA|HPC

Thank you for your attention!