

ACTIVE - User Guidelines

1. General Information

ACTIVE is a collaborative research center that develops and provides algorithms and methods for the analysis and exploration of highly complex image data repositories. Such data are produced by new imaging and data acquisition technologies in the natural and life sciences. Methodically, the center develops and improves efficient methods for (semi) automated image processing, pattern analysis, numerical simulation and parameter estimation, and for visual and interactive data exploration.

We provide support on different levels:

- **Level 1:** Standard problems that can be approached using well-established software tools (e.g. open-source tools, or commercial tools such as Matlab, Amira, Imaris). Training and support is provided in using the software packages, which is mainly supplied by student assistants.
- **Level 2:** More elaborate problems that cannot be easily solved using standard approaches, but require modification of existing algorithms, i.e. by modifying or creating a plugin for a software package.
- **Level 3:** Research problems which involve development of new techniques at a scientifically challenging level for image processing and analysis. This type of support requires scientific work by a senior staff scientist at PhD or PostDoc level.

2. Contact and Responsibilities

Head:

- Prof. Dr. Dorit Merhof
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Tel: +49 (241) 80 - 27860

Contact:

- Dr. Michael Gadermayr (michael.gadermayr@lfb.rwth-aachen.de)
Tel: +49 (241) 80 - 22906

- Dr. Martin Strauch (martin.strauch@lfb.rwth-aachen.de)
Tel: +49 (241) 80 - 22921

Weekly Consultation Hour:

- Tuesday 9-11 am,
Institute for Imaging & Computer Vision,
RWTH Aachen University, Kopernikusstr. 16, Room 140.

3. Applicants and Application

The center offers its services to researchers in all areas related to biomedical image processing. We specifically invite Principal Investigators, PostDocs and PhD students in biology, medicine and chemistry to get in touch regarding their image processing questions.

In order to apply for help from ACTIVE, please download the ACTIVE Project Proposal form at our website <http://active.lfb.rwth-aachen.de> and send the completed form to active@lfb.rwth-aachen.de.

Each application will be considered by the ACTIVE steering committee (see our website <http://active.lfb.rwth-aachen.de>), and the decision about acceptance/rejection will be communicated to the applicants as soon as possible.

4. Fees

We are highly interested in collaborating in promising and scientifically challenging grant applications. Specifically, we offer the opportunity to carry out pilot-studies without any charges. Please contact us for further information.

For service projects, i.e. when no scientific collaboration or grant application is intended, the charges depend on the required support level (see first paragraph). The composition of personnel costs is as follows:

- **Level 1:** 90 % student assistant, 10 % PhD or PostDoc (for supervising the student)
- **Level 2:** 50 % student assistant, 50 % PhD or PostDoc
- **Level 3:** 100 % PhD or PostDoc

Project applications can be submitted from both academic and commercial institutions. The price list can be found in the annex of the user guidelines.

- **Commercial Institution**

According to the European Commission (IP/14/586) a distinction between economic and non-economic activities has to be made. The services must be provided without subsidies for commercial institutions. Therefore, all project-related costs are charged (personnel costs, indirect costs – e.g. Electricity, administrative costs plus a profit markup).

- **Academic Institution**

Our price list for academic institutions is non-profit oriented (personnel costs excluding infrastructure costs). ACTIVE is initially funded by the German Research Foundation (DFG). Therefore, given the acceptance of the steering committee, we are in a position to offer our services at a considerably reduced charge for academic institutions.

5. Acknowledgment

ACTIVE provides comprehensive solutions for biomedical image analysis. All users are obligated to value the service by mentioning ACTIVE within the acknowledgement of a publication. If substantial contributions are made the corresponding ACTIVE members should to be treated as co-authors (see [Safeguarding Good Scientific Practice](#)).

For more information please visit our website <http://active.lfb.rwth-aachen.de>.

Aachen, June 10th 2016

Prof. Dr. Dorit Merhof
Head of ACTIVE

Appendix – Price list

We are highly interested in collaborating in promising and scientifically challenging grant applications. Specifically, we offer the opportunity to carry out pilot-studies without any charges. Please contact us for further information.

For service projects, i.e. when no scientific collaboration or grant application is intended, we charge the following fees:

Until 31.06.2016

Support Level	Commercial Institution	Academic Institution (non-profit)
1	35 € per hour	free of charge
2	52 € per hour	free of charge
3	72 € per hour	free of charge

From 01.07.2016 until 31.12.2017

Support Level	Commercial Institution	Academic Institution (non-profit)
1	35 € per hour	15 € per hour
2	52 € per hour	21,50 € per hour
3	72 € per hour	30 € per hour

From 1.1.2018

Support Level	Commercial Institution	Academic Institution (non-profit)
1	35 € per hour	30 € per hour
2	52 € per hour	43 € per hour
3	72 € per hour	60 € per hour