

The annual progress report: information and template

Format and content:

- 5-10 pages, submission as a pdf file once a year
- Introduction and motivation to the overall research question, including (to some extent) the state of the art concerning this topic in literature
- **Overview of results** and publications achieved during the last year
- Motivation for further own plans, extended workplan for the next year

Workflow:

1. Discuss draft with your supervisor and the scientific coordinator
2. Send final version to the supervisor, mentor and scientific coordinator

Intention of the annual progress report:

→ Overview of the scientific results achieved during the last year

- Compressed summary for the doctoral student himself to structure the doctoral project
- Easier advice/discussion with mentor
- Facilitates planning of the next year(s)
- Practices efficient scientific writing in English
- Parts of the report (figures, literature overview, ..) will be used for other presentations, the thesis, etc.

Your recent publication is covering the content of the annual progress report?

- In case you wrote the substantial part of the publication, you can replace parts 1. – 4. of the report by attaching your publication(s)
- State in the beginning which part you took in the process of writing the publication
- Include an outlook and an extended workplan for the next year of your doctoral thesis

Doctoral Student's Name

Supervisor's Name / Mentor's Name

Thesis Title

Date

Report title

My doctoral studies with the topic " ..." started in February 2018. In this second progress report I will cover

After a brief introduction to the principle of ... and the experimental or theoretical setup I will ... *Alternatively: This work was recently published in ... [name references]. About ??% of this publication is originally my work and I wrote about ??% of the article.*

1. Introduction and scientific question

Introduction and motivation to the overall research question. Include a brief literature overview and elaborate the scientific question you are addressing.

2. Basics

Shortly explain the basics necessary to understand your research results.

3. Experimental/Theoretical setup

Describe the experimental or theoretical setups used in your project.

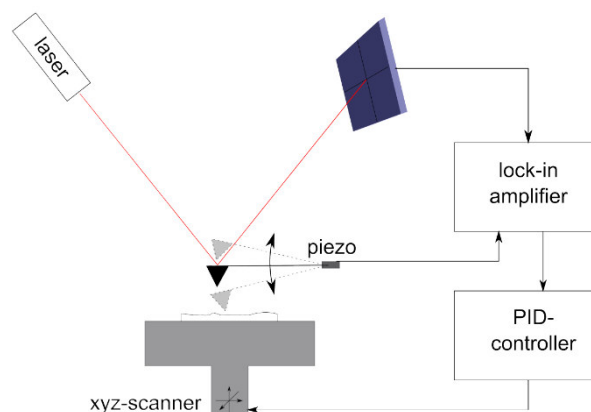


Fig. 1: Schematic setup of an Atomic Force Microscope (AFM). In the Intermittent Contact Mode, the cantilever is oscillated close to its resonance frequency. The tip has mechanical contact with the sample in the lower turning point of the oscillation.

4. Recent results

Give an overview of the results that you obtained during the last year or since the submission of your last progress report. This is the **main part of the report**.

5. Outlook and work plan for the next year

Motivate your plan for the next year and give an extended work plan, e.g. with the help of a time schedule.

	III. Quarter	IV.	I.	II.
	2020		2021	
Finish publication "title of publication"	■ ■ ■			
Experiments (SAXS, NMR) on sample X	■ ■ ■ ■ ■ ■ ■ ■ ■ ■			
Molecular dynamics simulations for sample X		■ ■ ■ ■ ■ ■ ■ ■ ■ ■		
Preparation of publication "Study on sample X"				■ ■ ■
Sub-Project: purification of protein Z		■ ■ ■ ■ ■ ■ ■ ■ ■ ■		

References

- [1] Chen, S., Yan, T., Fischer, M., Mordvinkin, A., Saalwächter, K., Thurn-Albrecht, T., and Binder, W.H., *Angewandte Chemie (International ed. in English)*, Vol. 56, 13016–13020, 2017.
- [2] Evgrafova, Z., Voigt, B., Baumann, M., Stephani, M., Binder, W.H., and Balbach, J., *Chemphyschem : a European journal of chemical physics and physical chemistry*, Vol. 20, 236–240, 2019.
- [3] Shakirov, T., and Paul, W., *The Journal of chemical physics*, Vol. 150, 84903, 2019.