



seit 1558

Friedrich-Schiller-Universität Jena

Annual report

OF THE STUDENT COUNCIL

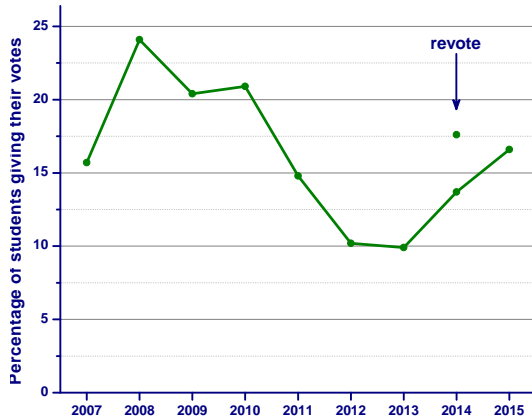
Faculty of Physics and Astronomy
Friedrich-Schiller-University Jena

2015

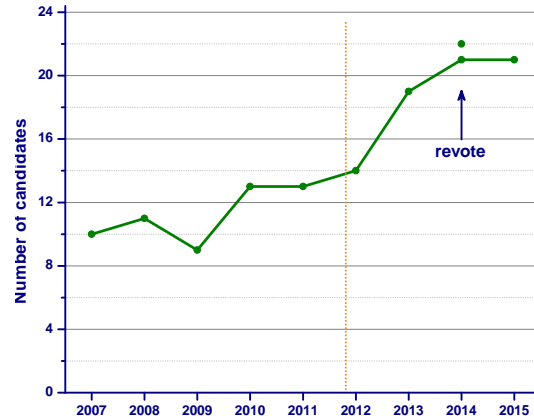
PAFachenschaft
Physikalisch Astronomische Fakultät

1 The FSR and what we do

The student council of the Faculty of Physics and Astronomy – referred to as FSR (for "Fachschaftsrat") – is a group of 15 students, elected each year. There were 21 students standing for election in 2015, and 16.6% of the PAF student body were giving their vote. As one can see in the two graphs below, the relative number of voters increased further in comparison to the past three years. Besides, we noticed a constant number of candidates this year.



Percentage of students giving their votes in FSR election over the past nine years.



Number of candidates over the past nine years. In 2012 (orange dashed line) we set the number of members from nine to fifteen.

In the following we list the names of old and newly elected members of the PAF student council.

Members in 2014/15:

- Eric Abraham
- Nils Becker
- Eduard Betko
- Sven Buder
- Hannes Damm (treasurer)
- Annika Gambke
- Maximilian Keller
- Mark Kremer
- Silvia Kunz
- Lukas Jonas Maczewsky
- Michel Pannier (chairman)
- Stephan Siewert (budget official)
- Sebastian Ulbricht
- Richard Wiedenhöft
- Anna Katharina Wölfl

Members since October 2015:

- Eric Abraham
- Eduard Betko
- Michael Förster
- Max Fricke
- Annika Gambke
- Elisabeth Golbing
- Maximilian Keller (budget official)
- Gloria Kirste
- Silvia Kunz
- Michel Pannier (chairman)
- Fabian Ritschel
- Samuel Ritzkowski (treasurer)
- Sebastian Ulbricht
- Anna Katharina Wölfl
- Marie Zeidler

We are facing a large spectrum of responsibilities. A small overview of tasks is shown below:

| Help & advice | University policy & networking | Events & projects |
|---|---|--|
| <ul style="list-style-type: none"> • offering general help • talking to lecturers • providing forwarding to competent offices • collecting lecture notes & old exams • taking care of new students | <ul style="list-style-type: none"> • representing student interests • working in the faculty's bodies • organizing the lecture evaluation • Zusammenkunft aller Physikfachschaften (ZaPF) | <ul style="list-style-type: none"> • orientation days for new students • tutorials, courses • student-professors-meeting • sport tournaments • "Ersti-Fahrt", excursions, etc. • parties, etc. |

A huge part of our work consists of communication with institutions of the faculty (such as the Dean's office, the Office for Student Affairs or "ProQualität Lehre" – especially the regular talks with the Dean have shown to be very fruitful for both of us) and sending student representatives to other councils (such as the university student council *StuRa*, the *FSR-Kom*, the council of the faculty or the committee for lecture evaluation). During the lecture period we coordinate our work in weekly sessions, open to public. Furthermore we offer two or more visiting times per week for students looking for advices or searching for old exams.

Our main budget for all activities comes from the semester contribution of the students. At the moment the university student council gets 7€ per student and semester, from which 1.90€ go to the student councils of the faculties.

For further information (e.g. about our meeting and visiting times or upcoming events), questions or help, please contact us:

| | |
|-----------------|--|
| Mail | fsr@paf.uni-jena.de |
| Phone | 03641/9-47095 |
| Web | www.fsr.uni-jena.de |
| Facebook | <i>Physikalisch-Astronomische Fachschaft Jena</i> |

2 Events

Here we give a list of all events organized by us in 2015:

- 20.01. Skat tournament at the *Quergasse No. 1*
- 01./02.04. orientation days for new students
- 23.04. summer-welcome-BBQ for ASP students
- 10.05. volleyball tournament with the FSR math and the OSA student chapter
- 28.05. flunkyball tournament with the FSR philosophy
- 24.06. student-professors-meeting
- 02.07. Skat tournament at the *Quergasse No. 1*





- 21.-30.09. "Mathe-Auffrischkurs" (pre-course for the pre-course)
- 01./02.10. orientation days for new students
- 12.-16.10. LaTeX tutorial
- 16.-18.10. "Ersti-Fahrt"
- 05.11. semester star-up with the FSR engineering/ SciTec at the *Rosenkeller*
- 06.12. volleyball tournament with the FSRs math and chemistry

- 07.12. excursion to Leipzig
- 14.12. Christmas party with the FSR psychology at the *Rosenkeller*
- 16.12. Christmas session and the movie "Feuerzangenbowle"



Furthermore we supported the following external events:

- "Tag der Physik" (20.03.),
- "Perlen der theoretischen Physik" (30.03.-01.04.),
- excursion of the *Alumni e.V.* to the local company *LASOS* (22.04.),
- *Hochulinfortag* (09.05.),
- "Highlights der Physik" (22.-26.09.),
- student-professors-meeting (02.12.),
- Christmas party of the Material Science students (14.12.).



3 Lecture evaluation

Each semester the FSR organizes an evaluation of all lectures at the PAF (including several service courses of other faculties) in cooperation with the *Universitätsprojekt Lehrevaluation (ULe)*. The evaluation aims the assessment of quality and professional level of the lectures seen by the viewpoint of students and gives rise for the lecturers to take a critical review of their teaching. At the same time it gives an orientation for students, for instance when choosing physical elective courses.

On basis of the evaluation the FSR gave the **student body teaching award** in winter semester 2014/15 to Dr. Ronny Nawrodt for his lecture in electronics and the corresponding seminar. In summer semester the award was given to Jun. Prof. Martin Ammon, whose lectures in theoretical physics (quantum field theory I and II) achieved very high ratings. Additional acknowledgement for exceptionally good teaching was given to Stefan Völker.



In summer semester for the first time we used our newly designed questionnaires, which lead to some delay in finishing the summary, due to changing the software, but increased the efficiency of the survey. The complete evaluation can be found at the Dean's Office, the physics library and the FSR office; moreover you will find it online via our website.

4 Orientation days for new students and "Ersti-Fahrt"

As every semester the FSR organized orientation days for new physics students (1st/2nd April & 1st/2nd October), offering introductions to study regulations, university life and *Friedolin*, as well as a city tour and visits of the institutes of the PAF. This year we recognized slightly increasing number of first semester students: about 10 B.Sc. in Physics students in summer term (who actually appeared to the lectures – in fact there were 31 matriculations) as well as 50 B.Sc. in Physics, 27 Teaching degree and 18 B.Sc. in Material Science students in winter term.

Just as the year before we did our own introduction course to *Friedolin* and handed out the brochure "Studienführer der Fachschaft Physik", which summarises most important information for the newcomers.

As every year, we also invited our new students for a weekend trip ("Ersti-Fahrt"), this year for the first time to a nice location named "Sormitztal", near the small town Leutenberg.

5 ZaPF and BuFaTa MatWerk

The **meeting of all physics student bodies** (referred to as ZaPF for "Zusammenkunft aller Physik-Fachschaften") takes place every semester; this year the physics student bodies of Aachen and Frankfurt a.M. organized the conferences in May and November. Of course we participated in both of them and joined work groups dealing with B.Sc. and Teaching degree programs of study, CHE ranking, ethics in science, communication to other student bodies, female quota and many other topics.

Furthermore, a delegation joined the **meeting of all materials science and engineering technology student bodies** (referred to as BuFaTa MatWerk for "Bundesfachschaftentagung der Fachbereiche Materialwissenschaft/Werkstofftechnologie") taking place in Karlsruhe in May and Erlangen in November. Important issues were the CHE ranking planned for the Bachelor degree of study, as well as establishing an official society, similar to the *ZaPF e.V.*

6 Faculty policy

In 2015 we worked on some important issues concerning the programs of study. One thing we could change nearly immediately was to get foreign language courses accepted as non-physical elective courses. This means, that students are now able to take courses at the Language Center and get at the most 8 credit points for these.

Another topic was the physics M.Sc. program of study and possible improvements thereof with regard to many small lectures, content duplications and missing topics. The aim was to update the module catalogue and find lectures which could fuse to such with an appropriate main emphasis. There already were some talks between students and professors of all four areas, but there is still some work to do in 2016.

After many discussions about the teaching degree of study we achieved a small improvement for regular school teachers: lecturers are asked to provide oral exams for them.

We also participated in discussions with the advisory council ("Beirat") of the faculty, dealing with the programs of study (especially teaching degree and content duplications in material sciences), the recruitment of new students and administrative things.

7 Other matters

In April we received the results of the CHE ranking of the physics B.Sc. course of study, which was good news: Besides showing the highest participation of students giving their opinion, the faculty can be glad to have achieved the greatest number of indicators rated in the top group. Nevertheless, in cooperation with the Dean's office we focused on critical points, which we identified to be access to free software and a lack of space for working groups. For instance we designed an overview of free lecture rooms, based on *Friedolin* data, and we will establish a new common room in the upcoming year.

A highlight of the year was the project of a group of material sciences students to compete the "Betonkanu-Regatta". The competition consisted in building a boat out of concrete and joining a race with it. The tournament was taking place on the river Havel on the 20th June. Unfortunately, the team didn't win a price, but surely this was a nice experience for all participants.



Another long-planned project finally came to its end: The framework for our outdoor blackboard was finished and we look forward to officially open it, as soon as the first warm days of 2016 set in.

In order to support the student recruitment of the university for scientific courses of study we further enhanced our involvement at fairs for high school graduates. This includes giving talks and accompany the "Infomobil" on its trips through Germany.