



FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA

Annual report

OF THE PAF STUDENT COUNCIL

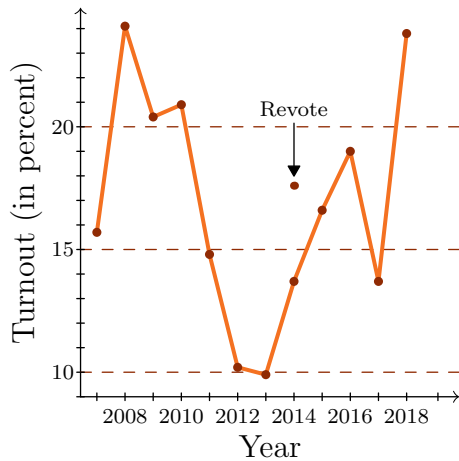
Faculty of Physics and Astronomy
Friedrich-Schiller-University Jena

2018

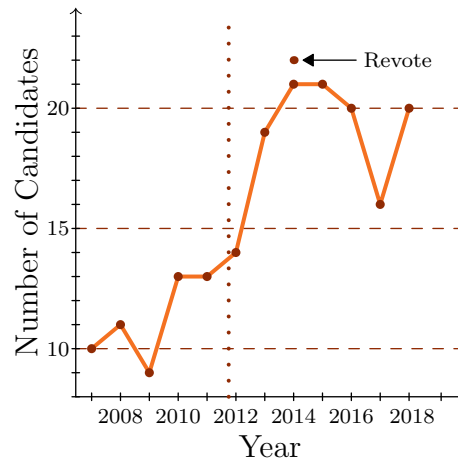
PAF fachschaft
Physikalisch Astronomische Fakultät

1 Members and Tasks of the FSR

The student council of the Faculty of Physics and Astronomy (PAF) – referred to as FSR (for “Fachschafts-rat”) – is a group of fifteen students, elected each year. Twenty students stood for election in 2018, and 23.8% of the PAF student body gave their vote. As one can see in the two graphs below, the relative number of voters increased further in comparison to the past years. Besides, we noticed an increasing number of candidates in 2018.



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



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

In the list below, the names of old and newly elected members of the PAF student council are named.

Members in 2017/18:

- Max Benner
- Michael Dimler (budget official till April 18 afterwards treasurer)
- Lucas Eisenbach
- Nico Fischer (chairman)
- Max Keller
- Gloria Kirste (budget official after April 18)
- Esther Menz (treasurer till April 18)
- Johann Möbius
- Lena Penno
- Samuel Ritzkowski
- Michéle Scholl
- Markus Walther
- Fransiska Widiasari
- Katharina Wölfl

Members since October 2018:

- Maximilian Keller
- Tjorben Matthes
- Michael Dimler (chairman)
- Georg Pfeifer
- Johann Möbius
- Tom Lippoldt (budget official)
- Georg Schwartz (treasurer)
- Marcel Horstmann
- Lucas Eisenbach
- Fanny Getzlaff
- Felix Hildebrandt
- Markus Leipe
- Emil Donkersloot
- Alexander Litschko
- Fabian Schneider

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



A huge part of our work consists of communication with institutions of the faculty, such as the Dean's office or the Office for Student Affairs. Especially the regular talks with the Dean have shown to be very beneficial for both sides. Another task is sending student representatives to other councils, such as the senate, 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 the public. Furthermore we offer two or more office hours per week to students looking for advice or searching for old exams.

We receive our main budget for all activities from the semester contribution of the students. In 2018 the university student council gets 7€ per student and semester, from which 2.20€ go to the student councils of the faculties.

If you want to contact us to get help or ask questions, e.g. about our meeting and office hours or upcoming events, please contact us:

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

2 Events

Here we give a list of all events we organized in 2018.

13/01 **Sports-Tournament**

Twelve teams participated in the tournament at the gymnasium of the Montessori school. The student council of the faculties of bio-informatics and maths were also part of the organisation comity.

18/01 **Doppelkopf-Tournament**

Together with the student council of the faculty for chemistry, we organized a Doppelkopf-Tournament at Max-Wien-Platz 1. The tournament was attended by 13 people.

26-28/01 **Exam-Preparation-Weekend (ger. abb. KlaVoWo)**

Under the main organisation of Katharina Wöfl we were able to introduce a new format, the “**Klausur-Vorbereitungs-Wochenende**”. It was a weekend for first year students with a lot of training in the exam subjects. We had 10 Tutors and 50 students participating.



03/02 **FSR-Ice-Skating**

Due to the coming exams only three people went ice-skating in the ice rink in Erfurt with the FSR.

15-16/03 **Orientation Days for New Students**

New students started their studies in summer term here at the faculty for physics and astronomy. We introduced them to the study and examination regulations, gave guided tours through some institutes and the city. The Faculty provided an introduction to *Friedolin*.

10/04 **PIMP-Party**

The semester start party “PIMP” was a neon party at the Rosenkeller. The cards were sold out a day before. Especially the neon colour which everybody could get applied to their faces was terrific for the partying.

16/04 **Meet your FSR con Chili**

In order to increase the awareness for the FSR's work, we organized a little get-together in form of a Chili cooking over a camp fire. Besides many member of the student council, around 40 students were in attendance to ask questions about the FSR or chat about the faculty.



03/05 **Doppelkopf-Tournament**

There were 26 students present and the atmosphere was good. It was great fun to play this traditional German card game.

22,23/05 **Summer Excursion to Hannover**

The excursion was heading to go to Hannover and visit for example the gravitational wave detector "Geo 600". We had a bit of trouble doing advertising for this event, so we could have taken more people to the journey. Those who travelled with us to Hannover liked the event.

24/05 **Magic-Tournament**

With four other student councils we held a "Magic – The Gathering"-tournament; it starts to become a regular event. This time we even arranged a small introduction on the evening before the actual tournament itself. Around 30 students participated.

06/06 **PowerPoint-Karaoke**

PowerPoint-Karaoke (PPK) is a bit like Karaoke: one gets the slides of random presentation and has then to present them only knowing the present slide. Each participant chooses one talk by its title. Around 50 students came to watch the courageous presenters. Fabian Ritschel was the first PPK-champion of this faculty. It was immediately planned to repeat this event.

It was imideately great fun and we will continue with further PowerPoint-Karaoke events in the future.

08/06 **Summerparty "Fracture" in the Kassablanca**

The feedback for this party in the Kassablanca was almost purely positive, but unfortunately this party was financially not as successful as we assumed. After almost the whole party organisation comity changed, it was their first party. They gained a lot of experience. The student councils of politics and bio-informatics took part in the organisation.

10/06 **Sports-Tournament**

Many teams signed up for our big soccer and beach volleyball tournament. Even a small rain shower in the middle couldn't kill the mood. It was organized by the student councils mathematics, chemistry, as well as ourselves, and took place at the Westsportplatz. There were drinks, BBQ, cool prizes for the winning team(s), and much more.



27/06

Students meet Professors (SPT)

Naturally – the same procedure as every year – we organized the Summer-SPT (“Studenten-Professoren-Treffen”), where students, professors and all other members of our faculty (sometimes even beyond that) can get together outside the usual routines. Besides our traditional and especially tasteful nitrogen-cooled ice, we provided bratwurst, vegetarian also as vegan food and beer. Furthermore, we handed out the award for extraordinarily good teaching (see below: 3 Lecture evaluation). Even more entertainment was provided by hosting a public viewing of the Football World Cup match between Germany and South-Korea, which unfortunately was lost by the Germans.



01,02/10

Orientation Days for New Students

New students started their studies in winter term here at the faculty for physics and astronomy. We introduced them to the study and examination regularities, gave guided tours through some institutes and the city. The Faculty provided an introduction to *Friedolin*. Getting to know each other was made easier by a pub crawl and a barbecue.

01-05/10

C++ -Tutorial

Physics nowadays is not thinkable without simulations. To build a basic knowledge for our students Makus Pawellek and Clemens Anschütz held a C++ course about the basics of this programming language. About 10 students attended the tree day course.

- 09-13/10 **LaTeX-Tutorial**
 Many scientific papers, protocols, etc. are created using the document preparation system LaTeX. To help our students get to know this at first quite intimidating software, we organized two tutorials, one in German by Sebastian Stock and the other on in English by Markus Pawellek and Clemens Anschütz. During four days of guided introduction, the participants learned how to create their first document and how to include pictures, formulas, tables, etc.
- 13/10 **Workshop for Teaching Students**
 This event was another first try to help the different years of teaching students connect. There was a workshop and a BBQ afterwards. Due to the short time for advertising only a few students participated, so in the next year this has to be optimised.
- 16/10 **Back to School University-Party**
 We greeted the new first year students and all other students with the semester start-up party at the M-Pire. Under the theme "Back to School University" Electro Swing, House and Charts animated everybody to dance. The psychology and informatics student councils were co-organising student councils.
- 19-21/10 **"Ersti-Fahrt"**
 Students in their first semester (especially, but not exclusively) often find it a lot easier to work in groups. To make finding friends during the first weeks easier, we took our new fellow students on a short, fun weekend to Leutenberg.
- 01/11 **Board Game Evening**
 Provided with snacks and drinks, 20 people sat together at Max-Wien-Platz 1 for multiple hours, playing all kinds of board- and card-games. The student council of mathematics were so kind to lend us their game collection.
- 09/11 **Informative meeting on studying abroad**
 As many students seek to spend a semester or more studying abroad, we invited Prof. Kaluza to talk about possible ways to accomplish just that, mainly the *Erasmus*-program. The participants were from various bachelor semesters.
- 16-19/11 **KaWuM**
 This year the meeting of all material science student councils was organised by us. For further information look down in the section ZaPF and KaWuM.
- 24/11 **Sports-Tournament**
 6 teams signed up for our sports-tournament. The feedback was positive.

- 29/11 **PowerPoint-Karaoke**
 The second round of the PowerPoint-Karaoke (PPK) was as the first one great fun. 45 people attended to watch and present. This time it took place at the lecture hall 2 in the Abbeum which was an improvement because the entrance was in the back.
- 04/12 **Long Night of Open Questions about the Working World**
 The Career-Point of the university organised an event where alumni of our faculty reported how their way into the working world went and how one does great as a researcher or in the industry.
- 18/12 **Feuerzangenbowle**
 Letting the year fade out, we showed the traditional German film “Die Feuerzangenbowle” (with English subtitles, of course) and prepared the corresponding (identically-named) drink. Many students from all parts of our faculty joined us, enjoying also Glühwein (mulled wine) and biscuits. This year we cooperated with the local group of the Optical Society of America which used the event as their Christmas celebration.

Furthermore we supported the following external events:

- Säulen-Veranstaltung (12/2017, 01/2018) and (11,12/2018)
- Tag der Physik (16/03)
- Hörsaalkino – “Die Entdeckung der Unendlichkeit” (08/05)
- Hochschulinfotag (26/05)
- MINT-Festival (11-13/09)
- Photonics Welcome Party (26/10)
- Studenten-Professoren-Treffen (05/12)
- MaWi Christmas Celebrating (08/12)

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 at the assessment of quality and professional level of the lectures seen from the point of view of students and encourages the lecturers to take a critical review of their teaching. At the same time it provides 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 the winter semester 2018/19 to Prof. Reinhard Meinel, whose lectures in theoretical physics achieve very high ratings through the years. In the winter term the award was given to Prof. Martin Ammon for his commitment in the lecture “electrodynamics for teaching students”. Furthermore an acknowledgement for exceptionally good teaching was given to PD Sven Krieg. He motivates every physicist to learn chemistry in his lecture. But not only chemistry is learned he additionally provides an supernatural amount of common knowledge.



4 ZaPF and KaWuM

Twice a year, i.e. once per semester, physics students from throughout of Germany meet for the “Zusammenkunft aller deutschsprachigen Physikfachschaften” (*ZaPF* for short) to discuss matters concerning various topics of broader, national interest. This year’s *ZaPF* was hosted by the student councils in Heidelberg (June) and Würzburg (October/November).

Of course, we participated in both of them and joined many work groups, for example about common rooms for studying, compulsory attendance and many other topics. Resolutions and official statements can be found (in German) at zapf-ev.de.

Furthermore, a delegation joined the *meeting of all materials science and engineering technology student bodies* (referred to as *KaWuM* for “Konferenz aller werkstoff- und materialwissenschaftlichen Studiengänge”) taking place in Dresden (24-27 May) and Jena.

KaWuM in Jena

We were able to organise a “Konferenz aller Werkstoff- und Materialwissenschaftlichen Fachschaften”. It took place between the 16th and 19th of November. From all over Germany around 40 students participated. More information and the results can be found here <https://wiki.kawum-matwerk.de/kawum:konferenzen:16jena>.

5 Faculty policy

At the moment the language in the master of physics varies from lecture to lecture between German and English. The faculty now wants to have a decision to clarify the rules. At the 4th of July We organised a gathering of the student body (“Fachschaftsvollversammlung”, FSVV) to evaluate what the students think about it. Many opinions were heard and discussed. To summarise the matter: in optics and theoretical physics at the moment almost everything is in English, in contrast to this the solid state physics does the greater part in German. In Astronomy the matter is a bit more complicated because teaching students have a right to have lectures in German and therefore the master can't be exclusively in English here.

In the CHE-Ranking our faculty has had top positions. We think that the faculty and we took a great part in this. One thing the students criticised was the IT-equipment of our faculty. Hence a commission gathered to clarify how an improvement can be achieved. A few members of the FSR took part in this commission. At the moment the discussion is flourishing. The student council thanks the Deans office and the faculty for the exceptional cooperation. Furthermore the faculty displayed another room as student recreation room. We painted the room to make it look nice.



The new (third) recreation room for students.

6 Miscellaneous

In memoriam of Stephen Hawking, who once was at our Lecture hall 1, the “Hörsaalino” organised a filmnight at the 8th of may. They showed the film “Die Entdeckung der Unendlichkeit”, which tells the live of Stephen Hawking. We asked Professor Ammon to participate with a talk beforehand. There were 200 people present.

As in the last years we took part in the discussions at the “Studierenden AG” every semester. Matters of all students were discussed with the Vice-President for Research and Teaching Prof. Iris Winkler. Topics were amongst other things the new evaluation regulation and the study entry phase.

Professor Seidel retired. Representative for the student body we thanked him for his commitment through the years in teaching and gave him a Beer-Seidel as parting gift.

The “Freitafel” (our blackboard outside) is now better equipped than before, because we were able to buy eight new chairs which allow students to sit on and listen to lectures.