

Loo Paper

- Installment 10/25 -
Your Fachschafts-Newsletter

Calendar

- 02.10. **Bachelor-Freshmen** Bar-hopping
- 04.10. **B-Freshmen** Walk and Chill
- 05.10. **B-Freshmen** Scavenger hunt
- 07.10. **B-Freshmen** Orientation event
- 08.10. **B-Freshmen** Stundenplanberatung
- 09.10. **B-Freshmen** Game night
- 10. – 12.10. **B-Freshmen** trip
- 11.10. Tutor's training
- 13.10. Start of lecture period
- Master** Orientation event
- Master** Welcome & Campus tour
- 14.10. **B-Freshmen** Rallye
- 15.10. Tea Time
- 16.10. **Master** Wine&Cheese Evening (WaCe)
- Math-Nat Party
- 17.10. **B-Freshmen** barbecue
- 20.10. **Master** Sneak preview
- B-Freshmen** Wine&Cheese Evening
- 21.10. **Teachers** Cocktail Evening
- 24.10. **B-Freshmen** Flunkyball tournament
- 25.10. Maths Dance
- 28.10. **Teachers** Cocktail Evening
- 30.10. **B-Freshmen** Game night
- 03.11. **B-Freshmen** Film night

The exact times and locations of the events will be announced shortly beforehand. If you are a freshman and still are not in our WhatsApp- or Signalgroup, write us an E-Mail (ersti@fsmath-bonn.de).

New semester, new chances!

The new winter semester begins on 1 October. You can find the current planning status at [BASIS](http://BASIS.basis.uni-bonn.de) (basis.uni-bonn.de). An overview of all important dates and contact details for the BaMa office, which you can contact at any time if you have any questions, can be found at mathematics.uni-bonn.de/studium/en/study-organization. We are also available to answer any questions you may have at info@fsmath-bonn.de.

On 15 October, there will be another Tea Time for all FINTA* people in the Hausdorff Room from 3 to 6 p.m.!

We wish you lots of fun and success in the new semester and look forward to seeing you at our events!

Hello freshmen,

Welcome to studying mathematics at the University of Bonn!

As the student council, we organise a lot of events for you to make your start in the first semester easier. Here you can get to know your fellow students outside of lectures. We have put together a great programme and look forward to meeting you. The first dates are expected to be those listed above. You

can always find the latest information and changes on the student council website and our social media channels (including WhatsApp, Signal, Instagram). Come along, it's worth it!

You will also find lots of interesting and helpful articles in your first-year information pack. If you have any questions, concerns or suggestions, please feel free to contact me (or any of the other student representatives) at any time!

Your Bachelor-Freshmen representative

Emma

Greetings from the Teacher Training Department

Dear maths Teacher Training freshmen, Welcome to the University of Bonn. As the Teacher Training Department, we are responsible for your needs within the Maths Student Council. Please feel free to contact us with any questions, problems or other concerns. Of course, the other members of the Student Council are also happy to help. In addition, just like all other maths students, you are cordially invited to the events organised by the maths department. This also applies to the phases of your studies in which you are taking few or no maths modules. If you have any questions or problems of any kind, please contact us or other student council members – we will be happy to help you. We, as the teacher training department, will probably be able to help you in particular. Or we can tell you where to get help.

Your teacher training representative

Lysander

✉ lehramt@fsmath-bonn.de

P.S.: Don't miss the timetable consultation on 8 October at 4 p.m.! Students who have been studying your subject combination for some time will advise you on which modules you should ideally take in which semester. You can also talk to them and us in general about your upcoming studies.

Hello Master's students!

Welcome to Bonn! We, the student council, are organising events for you to make your start in the Master's programme easier and more enjoyable. We are planning various events for you so that you can get to know other Master's students. Directly on the first day of lectures (13 October at 8 a.m.), the Bachelor-Master-Office offers an Orientation event we warmly recommend you to visit.

We will start with a Master's Welcome, also on the first day of lectures (13 October at 6 p.m.) and a wine and cheese evening on the following Thursday.

At the wine and cheese evening, we will provide the cheese and baguettes, and you can buy wine from us at low prices. These two events will be closely followed on the Monday after by the Master's Sneak Preview, where we will go to the Woki cinema together. You can find more details about the events on our website or in the WhatsApp groups!

Be sure to check out the Master's Freshers' Newspaper, where you will find lots of helpful articles. We look forward to seeing you at our events and wish you all the best for your studies!

Your Master's representative

Tobi

✉ master@fsmath-bonn.de

What even is the "Fachschaft"?

The "Fachschaft Mathematik" is actually defined as the set of all mathematics students (in Bonn). Therefore, if you are reading this, you are probably an element of it. In most cases though, it describes the student council: an open circle of very involved students who regularly organise events for you, sit on many committees to represent your interests and write informative texts like this one.

So if you have any problems, questions, suggestions etc.: approach us anytime! We are there in order to help you. You want to **contribute**? Join one of our meetings - Everyone is welcome! For further information and access to our Mattermost server, please send us an e-mail

FSR-meeting:

(FSR means Fachschaftsrat (literally Council of the Fachschaft).)

Wed, 18 c. t. in the Math Centre, room 0.011

Check it out!!!

Tea Time

On the 15 October there will be a Tea Time with Women in Mathematics from 3-5pm. You have never been to a Tea Time? The intention of the Tea Time is to connect FINTA*-people (Female,

Intersex, Non-binary, Transgender, Agender people) and give them the opportunity to exchange their experiences as a minority in mathematics in a secure environment. Sometimes we invite speakers, this time it will be mainly about networking and meeting your FINTA*-Tutors. Come join us over a cup of tea!

Communication channels

Website: fsmath.uni-bonn.de

E-Mail: info@fsmath-bonn.de

Instagram: [fsmath.uni.bonn](https://www.instagram.com/fsmath.uni.bonn)

Sports at university

Next semester, you have the opportunity to participate in the university sports program! You can get a semester card (10 Euros) with which you can use the university's sports facilities and register for sport courses starting at 9 October. There's a broad selection and something for everyone. More information is available at sport.uni-bonn.de.

Campo Mensa

Between 11:30 and 14:30 (fridays until 14:00) you can get lunch, and the café has opened between 8:00 and 15:00. Besides places to sit either in or outside, one can also take their meal to-go (you need the Relevo App). If you don't have a Mensa card yet, you can currently only pay by debit card.

TVStud

Are you currently employed at the university or will you be taking on a SHK/WHF position in the coming semester? Then you have probably already heard of TVStud. This is a collective agreement for SHKs and WHFs throughout Germany. To ensure that your demands are taken into account, please complete this survey: verdi.uzbonn.de/TRLaender (currently only available in German). You can also come to the kick-off meeting on Tuesdays at 6 p.m. in the computer science department.

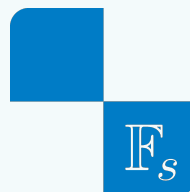
Riddle of the Month

For which $n \in \mathbb{N}$ is $n^2 + 2^n$ a perfect square?

The solution will be on the next Loo Paper.

Solution to the previous puzzle:

The first clock covers an average area of $\sum_{n=0}^{29} \frac{2 \sin(6^\circ \cdot n)}{60} \approx 0.6360$, the second clock covers an average area of $\int_0^{2\pi} \frac{|\sin(x)|}{2\pi} dx = 2 \int_0^{\pi} \frac{\sin(x)}{2\pi} dx \approx 0.6366$. The difference is therefore approximately 0.0006 on average.



For feedback or Q&A send a mail to oeff@fsmath-bonn.de.