

Loo Paper

- Installment 09/25 -
Your Fachschafts-Newsletter

Calendar

- 14.09. Local election
- 22.–26.09. GameJam with the CS
- 28.09. possible run off election
- 29.09.–11.10. Freshmen: Preliminary math course
- 29.09. Freshmen: campustour and a get-together
- 30.09. Freshmen: Game night
- 02.10. Freshmen: Bar-hopping
- 04.10. Freshmen: Walk and chill

The exact times and locations of the Bachelor freshmen events will be announced shortly beforehand via Instagram, the website and our freshmen groups on WhatsApp and Signal.

Dear Bachelor freshmen,

Welcome to maths studies at the University of Bonn! As the student council, we organise a lot of events for you to make it easier for you to start your first semester. Here you can get to know your fellow students outside of lectures. We have put together a great programme and are looking forward to meeting you. The first dates are likely to be the ones listed above. You can always find the latest information and changes on the student council website and our social media channels (including WhatsApp, Signal, Discord, Instagram). Come by, it's worth it! There are also lots of interesting and helpful articles in your Ersti-Info. If you have any uncertainties, questions or suggestions, please feel free to contact me at any time (and all other student representatives too, of course)! Your first year student representative

Emma

You are not yet in a group? Then write an e-mail:

✉ ersti@fsmath-bonn.de

In the mood for City Cycling?

On September 10, the time has come again: the city cycling starts! In the city cycling you collect, together in a team, your cycled kilometers and set a sign for bicycle promotion and climate protection at the same time. In the team „Uni Bonn“ there is a separate subteam „Mathematik Uni Bonn“. Sign up and collect as many bike kilometers as possible with us! For more information and registration go to stadtradeln.de/en/bonn.

Revision Courses

There are still revision courses taking place this month to prepare for the second exams. You

can find more information (especially about times and location) under the following link: fsmath.uni-bonn.de/en/studies/repetitorien.

Lecture	Time period
Ana II	15.09.–19.09.
LA II	01.09.–05.09.
AlMa II	22.09.–26.09.
GdM II	22.09.–26.09.
Algebra I	01.09.–05.09.



We wish you good luck for the upcoming exams!

TVStud

Are you currently employed at the university or plan to become a SHK/WHK the upcoming semester? Then you've surely heard of TVStud! This is about a labour agreement for SHKs and WHFs throughout Germany. Fill out this survey so that your demands are taken into account: verdi.uzbonn.de/TRLaender (only available in German). You can also come to the organisational meeting on Tuesdays at 6 pm in the CS department.

Local election

Local elections will be held on September 14 in North Rhine-Westphalia. Possible run off elections are on September 28. Go vote!

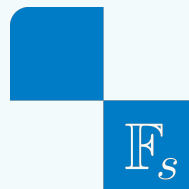
Riddle of the month

There are two clocks. Both start at 12 o'clock. The hour hand remains fixed at 12, while the minute hand makes a complete revolution. The hour hand has a length of 1 and the minute hand has a length of 2. The minute hand of the first clock moves jerkily forward by one minute after completing one minute, while the minute hand of the second clock moves continuously. Find the average areas of the triangle formed by the two hands of the clocks. What is the difference between them?

The solution will be on the next Loo Paper.

Solution to the last riddle:

z is a double-round decimal fraction of length n if and only if both $g := z \cdot 10^n$ and $\frac{1}{z} \cdot 10^n = \frac{10^{2n}}{g}$ are integers, i.e., if and only if $z = \frac{g}{10^n}$ holds for an integer divisor g of $10^{2n} = 2^{2n} \cdot 5^{2n}$. We are therefore looking for the number of positive divisors g of $2^{2n} \cdot 5^{2n}$. For the exponents, there are $2n + 1$ independent possibilities from 0 to $2n$ each, so there are $(2n + 1)^2$ double-round decimal fractions of length n .



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