

# Loopaper

- Installment 05/23 -  
Your Loopaper

## Calender

01.05.	Day (Labour Day)
10.05. 19 c.t.	Cocktail-Night
18.05.	Day off (Ascension Day)
24.05.	Dies Academicus
24.05.	Excursion to DLR
27.05. 19 s.t.	Math-Dance
29.05. - 02.06.	Whitsun holiday

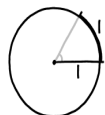
## 49-Euro Ticket

The nationwide 49-Euro Ticket starts on 1. May. The ticket has been available for pre-order since 3. April from DB online or via app and from SWB. It can be used as a chip card in a subscription or as a mobile phone ticket and can be cancelled monthly. Students in NRW can buy the ticket from SWB for 15,28€ per month as an upgrade to their existing semester ticket to extend its validity to Germany. The upgrade is saved in the SWB app. The ticket is only valid for local transport in 2nd class. You are not allowed to take people with you, the taking along of bicycles is regulated individually in each local transport association.

### MATH FACTS



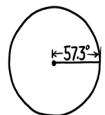
THE UNIT CIRCLE HAS  
A RADIUS OF ONE ✓ NORMAL



ONE RADIAN EQUALS  
THE LENGTH OF A  
CIRCLE'S RADIUS ✓ NORMAL



ONE RADIAN IS  
57.3 DEGREES ✓ NORMAL



THE UNIT CIRCLE  
HAS A RADIUS OF  
57.3 DEGREES ✗ CURSED

Credit: [xkcd.com/2748](https://xkcd.com/2748)

## Events

SPRING, SUN, cocktail evening: On Wednesday, 10 May, you can enjoy our fruity cocktails from 7 p.m. in the building next to the Maths Centre (and outside, of course, if the weather is good). On Dies Academicus there will be an excursion to the DLR for all FLINTA\* people. In addition to a tour of the research site, you can expect insights into the work areas in computer science and mathematics as well as a QA session. Further information and registration at [tinyurl.com/dlr-excursion](https://tinyurl.com/dlr-excursion).

## Finally Math-Dance

Do you feel like getting dressed up and floating across the dance floor to live music? On 27 May there will finally be another Maths Dance, organized by the student council. The ball starts at 8pm and will probably last until 1am. It will take place in the auditorium of the main building. Before the official start, you can learn to dance at a dance class from 7pm. Tickets will be available from 30.04 in the student council office.

## Riddle of the month

At the Math-Dance, 200 tickets with seat numbers were allocated. Unfortunately, NAME1 has forgotten his seat number and sits down in a random seat. All the other people now come in one after the other and sit down in their seat. If their seat is occupied, they also choose a random free seat to sit on. NAME2 comes in last. How likely is it that HE/SHE will be able to sit in the seat with his/her original seat number? The solution will be on the next loopaper.

### Solution to lasts months riddle:

The bonus question on the last loopaper was unfortunately an unsolved problem. April April!



For feedback,  
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