



science<sup>of</sup>  
intelligence



**CALENDAR**  
**2023**

# Dear Friends of SCIoI

## Have you ever wondered what intelligence is?

Is it the ability to understand complex math problems, or to do better than others in a chess game? Is it that skill that helps us make the right decision about our lives and careers? Is it a number, or a set of rules? Is it something we can develop, or are we born with it? And also, can machines be intelligent?

Understanding intelligence is one of the great scientific challenges of our time, and researchers have spent decades trying to define this elusive feature. Our goal at Science of Intelligence is to create a unified, interdisciplinary endeavor towards the understanding of intelligence, and we do this by observing, analyzing, and building intelligent behavior, examining it from both its biological and artificial standpoints.

At Science of Intelligence, we believe in science communication. We believe in showing our scientific results to the public in many different ways, from talks and discussions to exhibitions, workshops, kids' activities, science slams, and trivia nights. We like to talk to school girls, to high school students, to fellow scientists, to people going about their daily business. We like to inform and entertain them through podcast episodes and news features, and through our participation in the city's science outreach events, such as the Berlin Science Week and the Lange Nacht der Wissenschaften.

Together with Matters of Activity, another Berlin Cluster, we are developing an experimental knowledge exchange project called CollActive Materials, funded by the Berlin University Alliance. Its goal is to involve the public in speculation workshops about possible futures, inspired by the activity and intelligence of materials.

This SCIoI calendar 2023 is our way to celebrate science communication in all its facets, but it's also a way to thank all of our friends and partners for all the collaborations big and small.

**We wish you a successful 2023 and hope for many fruitful cooperations with you in the new year!**

## Best wishes, Science of Intelligence



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### SPECIAL THANKS TO

- CollActive Materials, our experimental science communication project, a joint project of Science of Intelligence and Matters of Activity
- The Berlin University Alliance
- The Berlin Science Week
- The Lange Nacht der Wissenschaften
- The Humboldt Forum

*collactive  
materials*

### PARTNER INSTITUTIONS





For all of last year, the “**Meet the Scientist**” speaker series at the Humboldt Forum has placed scientists from the Berlin clusters in the spotlight, right in the middle of the “Nach Der Natur” exhibition. In the talk pictured below, our member Ralf Kurvers discussed the factors that shape decision-making and the value of social information.



# JANUARY

# 2023

A man wearing a floral shirt and a face mask is standing and presenting at a "MEET THE SCIENTIST" event. A tablet on a table in front of him displays a video titled "Asch experiments" showing a group of people in a room. The background shows museum-like display cases.

MO	TU	WE	TH	FR	SA	SU	MO	TU	WE	TH	FR	SA	SU
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9	10	11	12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	1	2	3	4	5



When the Berlin University Alliance offered the Berlin universities a science outreach space inside a mall, we immediately booked a spot for our experimentations with the **CollActive Materials** project. We wanted people, children included, to join our discussion about intelligent materials. Turns out that when you want to get kids involved, a slime lab is the best place to start.



# FEBRUARY

# 2023



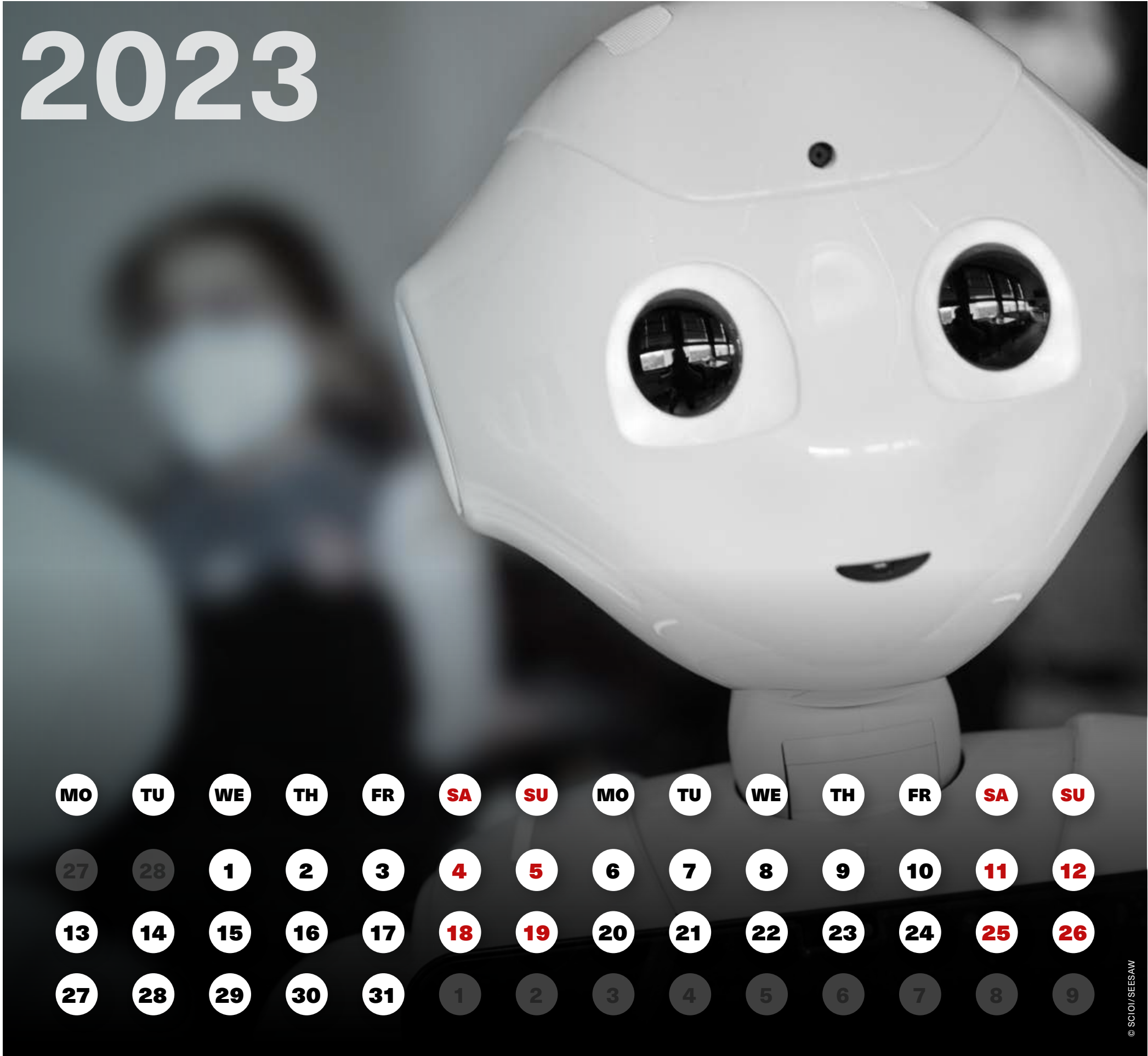
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27	28	1	2	3	4	5	6	7	8	9	10	11	12

Every spring, **Girls' Day** gives school girls from all over Germany the chance to visit science labs, talk to inspiring women scientists, and network. This year, 20 girls from schools around Berlin visited our scientists Jinan Allan, Marah Halawa, Veronika Pavlova, Doris Pischedda, Oksana Rasskazova, Rieke Thonagel, and Olga Wudarczyk to take a look at the SClol labs and get a glimpse of life as a woman researcher.



# MARCH

# 2023



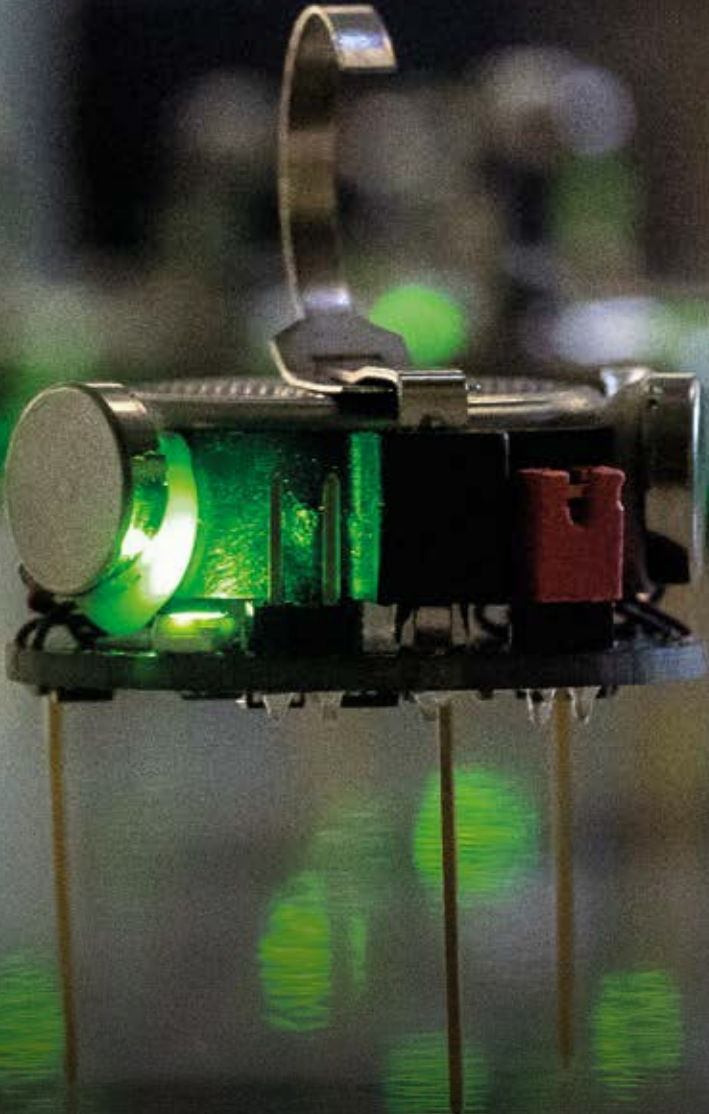


For this year's **Lange Nacht der Wissenschaften**, we did what we'd always wanted to do. We opened all of SCIOI's labs to the public for a long evening of scientific demonstrations. Think robotic hands imitating your movements, eye-tracking experiments, and also swarm robots interacting with each other.



# APRIL

## 2023



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The robotic hand is central for SCIO research, and it's one of the sample objects of the CollActive Materials project. In this demonstration, we brought it to our **experiment table** where members of the public could touch it, feel it, and imagine its uses.



# MAY

# 2023



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29	30	31	1	2	3	4	5	6	7	8	9	10	11



In the **CollActive Materials** project, we speculate together with members of the public about possible futures using active and intelligent materials as sources of inspiration. The result is turned into an object of the future, which is then represented in drawings or, in some cases, prototyped by a designer.



# JUNE 2023



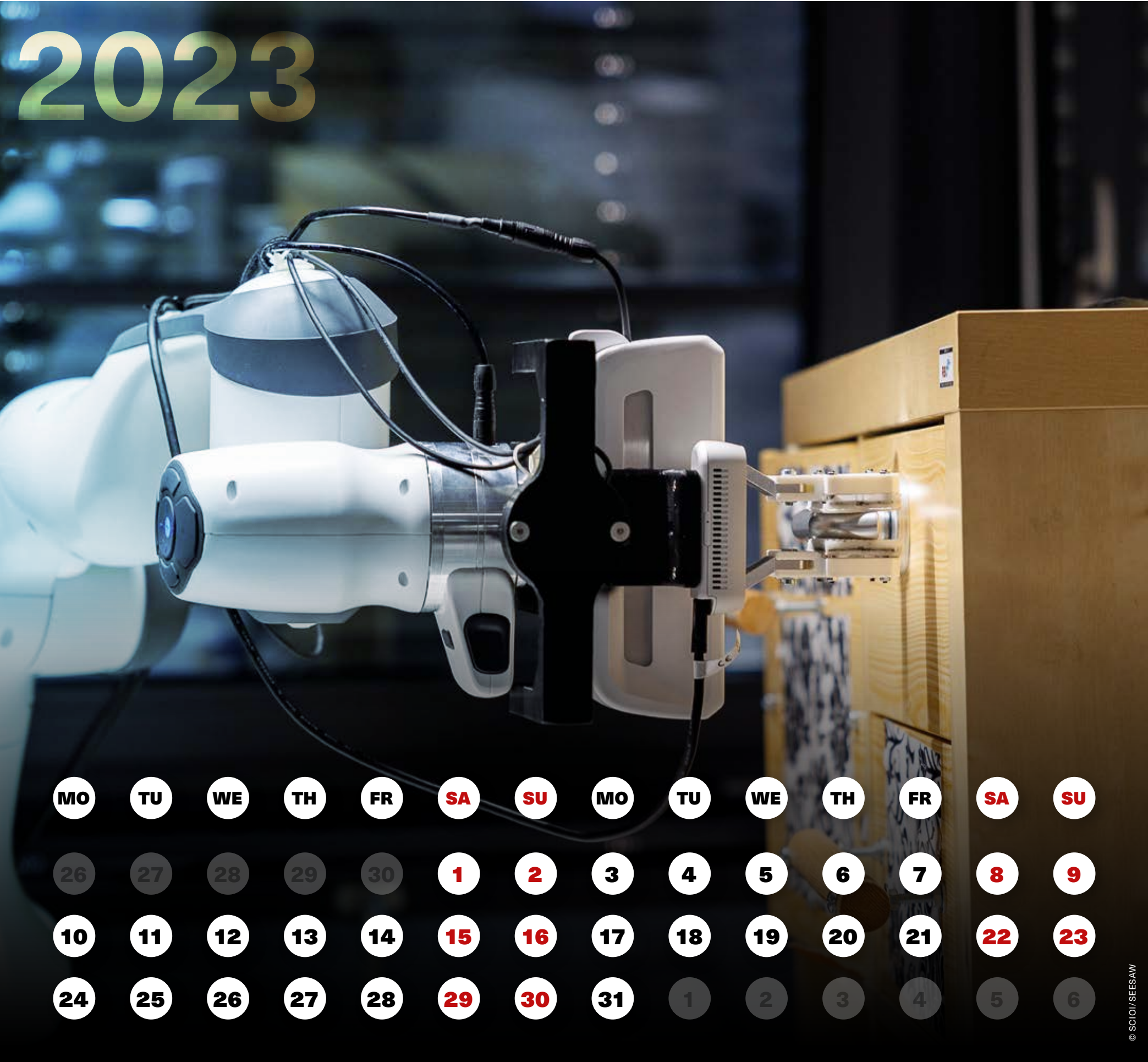


The **Berlin Summit of Robotics** is a yearly scientific gathering on the theme of robotics. This year, part of the event took place in the SCIOI labs with a poster session by our researchers, a tour of the labs, and an evening of scientific networking.



# JULY

# 2023



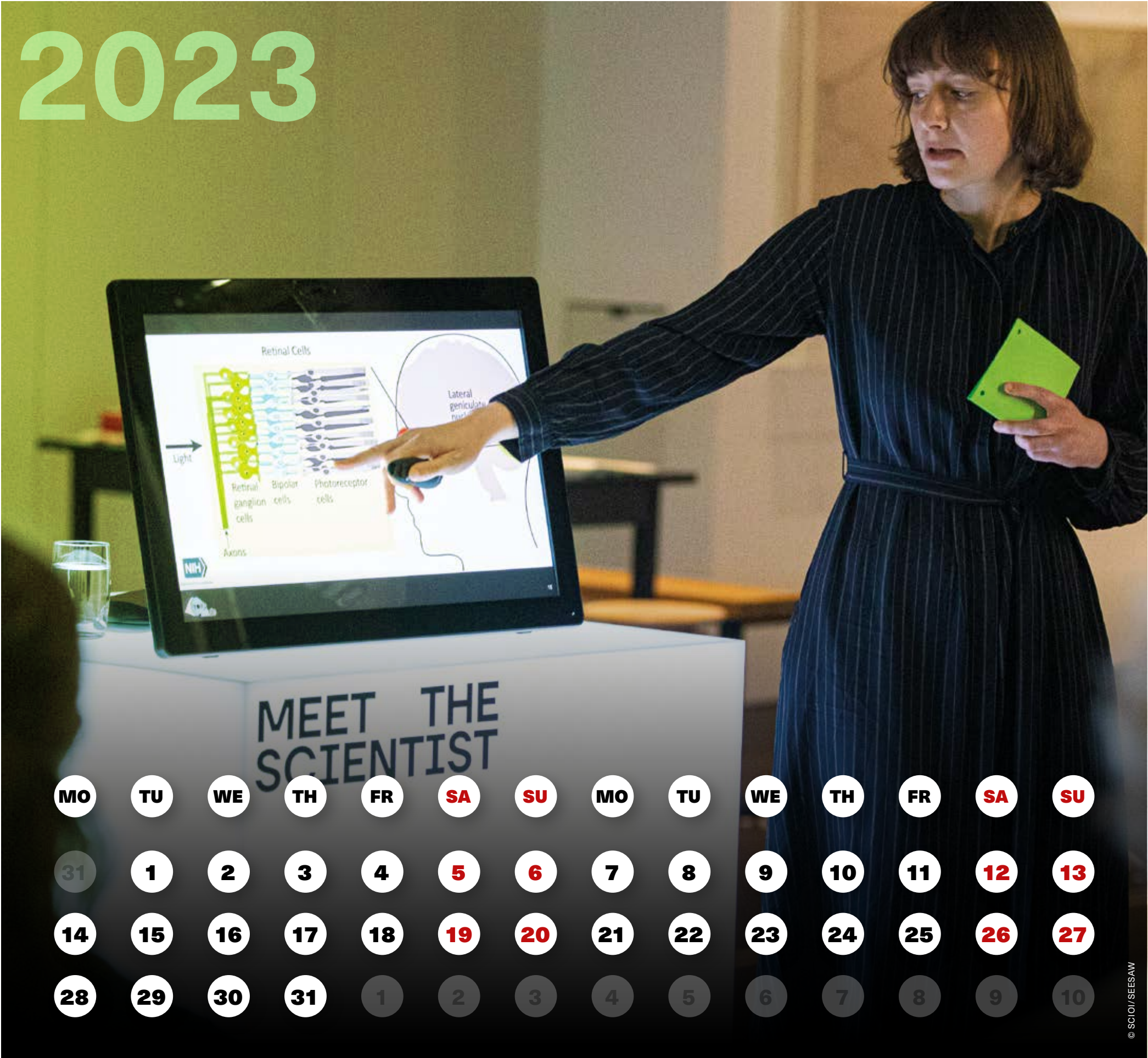


For this second SCIOI session of the “Meet the Scientist” series at the Humboldt Forum, our PI Martin Rolfs and researcher Carolin Hübner discussed human vision and visual perception before a very engaged crowd. In this photo, Carolin Hübner is outlining the fascinating structure of the retina.



# AUGUST

# 2023





During the Berlin Science Week, the Berlin Clusters got together for an entertaining “intercluster” **science slam** at a bikers’ bar in Prenzlauer Berg. The eight slammers competed before more than 250 people, and our slammer, Benjamin Lang, delivered a great talk on intelligence and sustainability in an entertaining mix of science, theatre, and stand-up comedy.



# SEPTEMBER

# 2023



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Ethics is a very important topic in intelligence research. At this **Berlin Science Week** event, SCIOl ethics researchers Dafna Burema, Mattis Jacobs, and Jonas Frenkel discussed possible instances of AI gone wrong, from deep fakes to legal matters regarding automated cars – all with the Naturkundemuseum's biodiversity wall as a backdrop.



# OCTOBER

# 2023



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9	10	11	12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	1	2	3	4	5



At the BUA's “Mall Anders” experimental space, we also offered a hands-on Kombucha-growing workshop to bring people to reflect about active natural materials and intelligence.



# NOVEMBER

# 2023



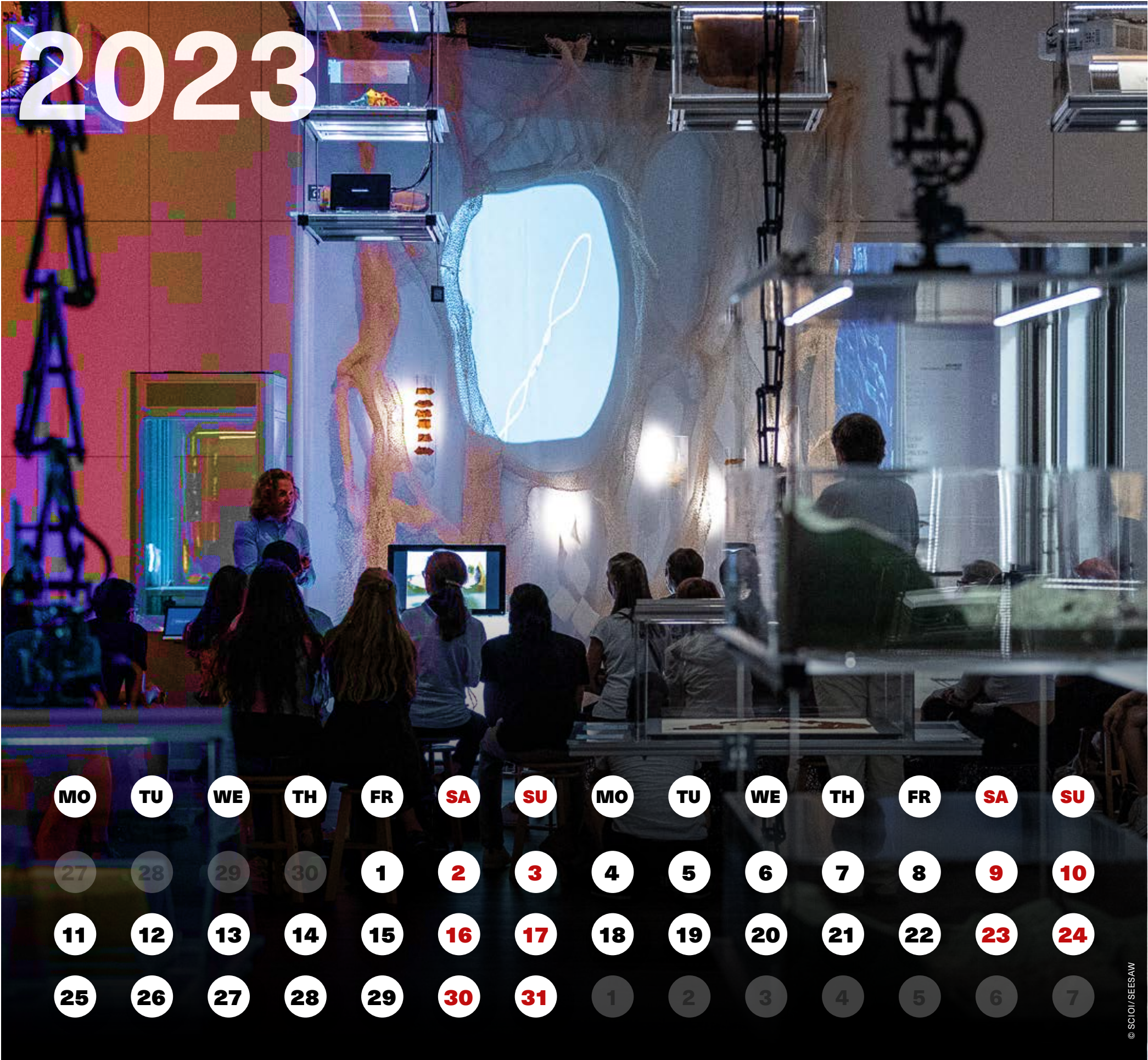


This past **Lange Nacht der Wissenschaften**, SCIOI joined forces with scientists from the other Berlin Clusters for a night of talks at the Humboldt Labor. In his talk, our member David Bierbach used a robotic fish to help illustrate the remarkable abilities of schools of fishes, such as anticipating the future behavior of others, or synchronization.



# DECEMBER

# 2023



MO	TU	WE	TH	FR	SA	SU	MO	TU	WE	TH	FR	SA	SU
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11	12	13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	1	2	3	4	5	6	7