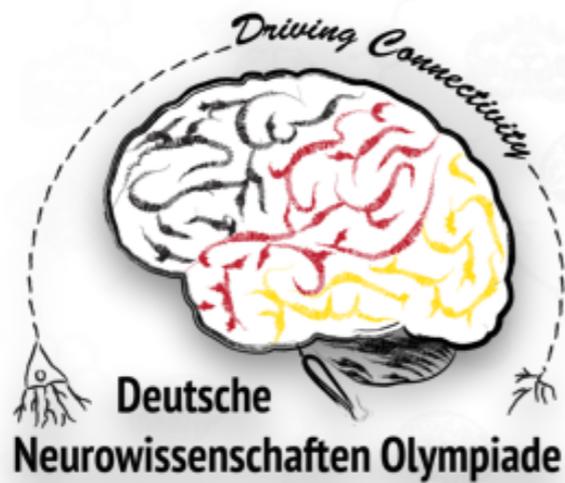


Deutsche
Neurowissenschaften Olympiade



2017

Sponsorships & Partnerships
Opportunities



The **Deutsche Neurowissenschaften Olympiade e.V (DNO e.V.)** is a **non-profit organisation**, which organises neuroscience competitions and educational activities, providing a neuroscience outreach and educational platform **for high school students**.

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Our story — DNO e.V. on the rise



Our program is inspired by the International Brain Bee (IBB), a global science outreach initiative, which targets high school students. The IBB promotes the study of life-sciences and aims to introduce talented young students to the global scientific community. 'Brain Bees' themselves are multi-stage neuroscience competitions designed to teach students about the brain. Initially founded in the late 1990s by Dr. Norbert Myslinski, a neuropharmacologist in the U.S., the 'Brain Bee' program has since expanded to more than 50 countries worldwide, with the support of enthusiastic Ph.D. students, scientists, and teachers.

Former US Brain Bee participant, Dr. Julianne McCall established the "German Brain Bee" (GBB) competition in 2011 during her Ph.D. studies. This was the first competition of its kind to take place in Germany and was mainly organised by Ph.D. students. Over the next 4 years, the GBB was held annually in Heidelberg, reaching more than 100 high schools across Germany since its inauguration.

"We aim to establish a Germany-wide neuroscience outreach and educational program. Our goal is to motivate and inspire young people to dive into neuroscience."

— DNO e.V. Management Team



We are all about Driving Connectivity!



In 2015, the GBB was renamed the 'Deutsche Neurowissenschaften Olympiade' (DNO) e.V. and was established as a non-profit organisation. Soon after, the board of the DNO e.V. began the process of expanding the competition throughout Germany, with the aim of initiating other projects such as summer research schools and developing educational tools for students and teachers.

Currently, DNO e.V. is supported by students, scientists, teachers, and professors, as well as the German Neuroscience Society (Deutsche Neurowissenschaftliche Gesellschaft, NWG) and the European Molecular Biology Laboratory (EMBL in Heidelberg, Germany).

Our organisational structure

DNO e.V.
Centrally hosted
by the NWG in Berlin

Management Team

Academic — Student outreach — Marketing
DNO Membership — Finance — Operations

Core Project Teams

Academic — Graphic Design — IT & web contents — Press

Local organising teams

Berlin — Bonn — Heidelberg — Frankfurt

Centrally organised — locally executed

Our centrally organised, multi-tier structure helps to streamline our activities while maintaining the continuity of our program through Germany.

Management Team

Made up of dedicated scientists, our management team works to coordinate the scientific program of DNO e.V., as well as further develop and expand as an organisation, allowing us to meet the aims of our educational initiatives.



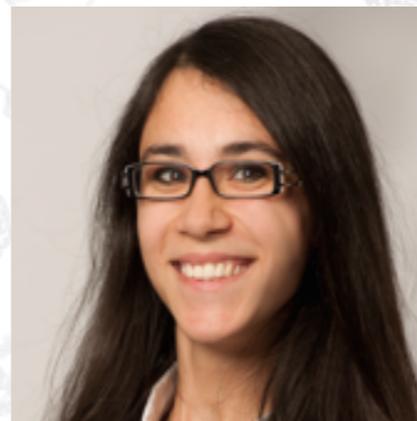
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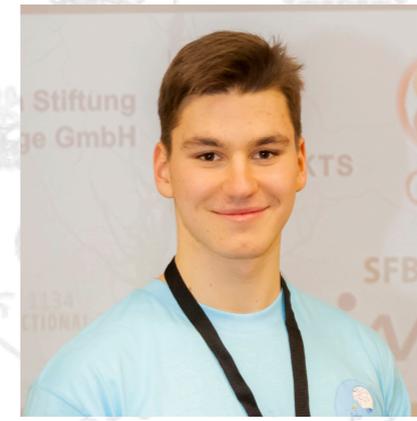
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Dr. Ina Simeonova
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Friedrich Schwarz
Finance Manager
schwarz@berlin.dno-ev.de



Angela Kondinska
DNO Membership
kondinska@berlin.dno-ev.de

How DNO e.V. works — a look behind the scenes

Central Organising Teams

The leaders of our core teams organise and coordinate projects related to our global operations. The final products and materials produced by our core teams are then shared throughout our organisation. This workflow system helps to maintain the continuity, integrity, and quality of our program, while reducing the workload of individual members.



Academic Team

Team Leader | Dr. Ionut Dumitru, PhD
Email | dumitru@berlin.dno-ev.de

Creates and maintains all of our scientific content.



Graphics Design Team

Team Leader | Catarina Luis
Email | luis@berlin.dno-ev.de

Responsible for the design artwork and illustrations of all DNO e.V. related content.



IT & Web contents Team

Team Leader | Florian Kohrt
Email | kohrt@berlin.dno-ev.de

Responsible for developing and maintaining our online platforms.



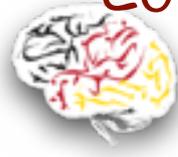
Press Communications & Public Relations (PCR) Team

Team Leader | Kristel Lagunas Martinez
Email | martinez.lagunas@bonn.dno-ev.de

Spreads the news about DNO activities and initiatives as well as neuroscience related trends and hot topics to the general public.



Local teams & local partnerships



DNO - Berlin e.V.

In partnership with the Max Delbrück Center for Molecular Medicine

Team leader

Mandy Watson | watson@berlin.dno-ev.de

General information

info@berlin.dno-ev.de

registration@berlin.dno-ev.de



DNO - Bonn e.V.

In partnership with German Center for Neurodegenerative Diseases

Team leaders

Julia Müller | mueller@bonn.dno-ev.de

Julia Fischer | fischer@bonn.dno-ev.de

General information

info@bonn.dno-ev.de

registration@bonn.dno-ev.de

Local Teams

Members of our local teams are our feet on the ground. They help to organise local events, establish local connections with neuroscience networks, and adopt products and materials produced by our core organising teams.

10-15 members handling:

Event organisation and management

Student registrations

Local press and media

Budget allocation





Local Partnerships

Partnership institutes are our connection to the local neuroscience community. They help to provide logistics support for our Neuroscience Olympiads. Local partners are also a source for science education opportunities, as they provide insights into their neuroscience research to our student participants.

Want to become a member or partner of DNO e.V.?
Connect with one of our local team leaders today!

DNO - Heidelberg e.V.

In partnership with the Interdisciplinary Center for Neurosciences (IZN) and the European Molecular Biology laboratory (EMBL), Heidelberg



Team leaders

Beatrice Sandner | sandner@heidelberg.dno-ev.de

Nathalie Tisch | tisch@heidelberg.dno-ev.de

General information

info@heidelberg.dno-ev.de

registrations@heidelberg.dno-ev.de



DNO - Frankfurt e.V.

In partnership with the Goethe Graduate Academy (GRADE)

Team Leader

LaShae Nicholson | nicholson@frankfurt.dno-ev.de

General information

info@frankfurt.dno-ev.de

registration@frankfurt.dno-ev.de



Our neuroscience competition format

Written exam

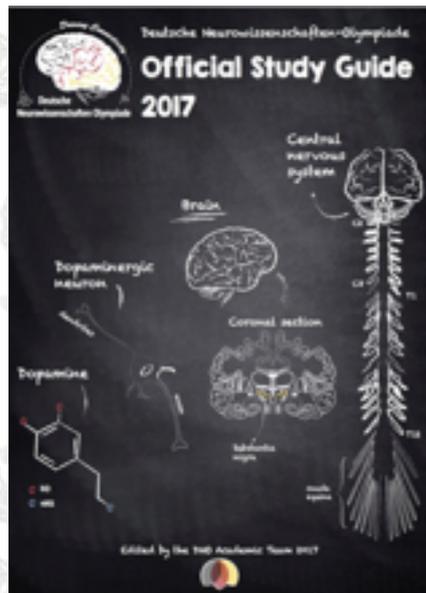
Students answer a short 10 question quiz with multiple-choice questions, of which they have 10 minutes to complete

Neuroanatomy & histology

Students rotate through stations containing a brain model or histological section. Students have 1 minute to answer structure and function related questions.

A high-quality program

We collaborate with expert scientists, representing the various fields of neuroscience, to create a comprehensive and challenging, yet fun and interactive program.



Study materials

We provide downloadable extensive neuroscience study guide and textbook for students to independently study and prepare for each event.

Unique opportunities for students

Not only do students receive support as they progress through each competition round, we also provide opportunities to perform research internships, attend conferences, and much more.

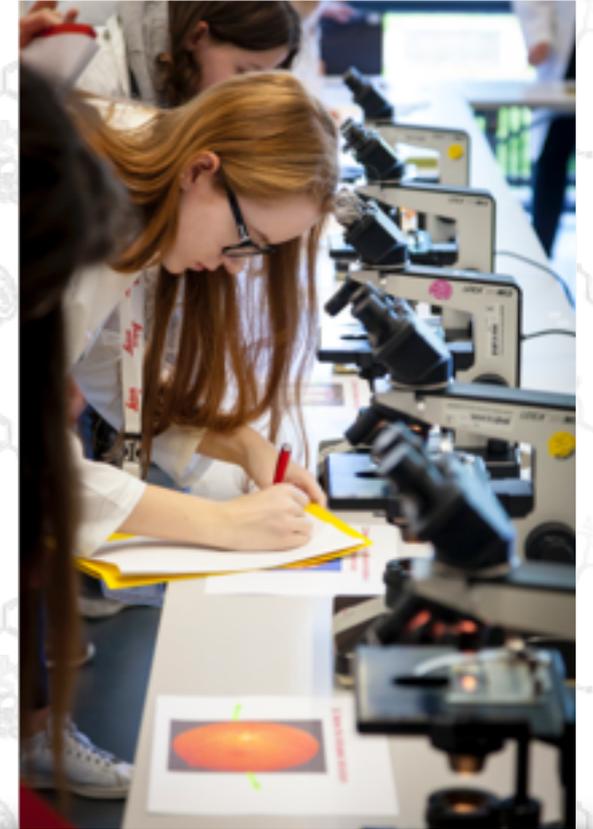
5-Stage competition held in English

Patient diagnosis

Using patient histories, medical exams and clinical systems, students identify the corresponding neurological disorder.

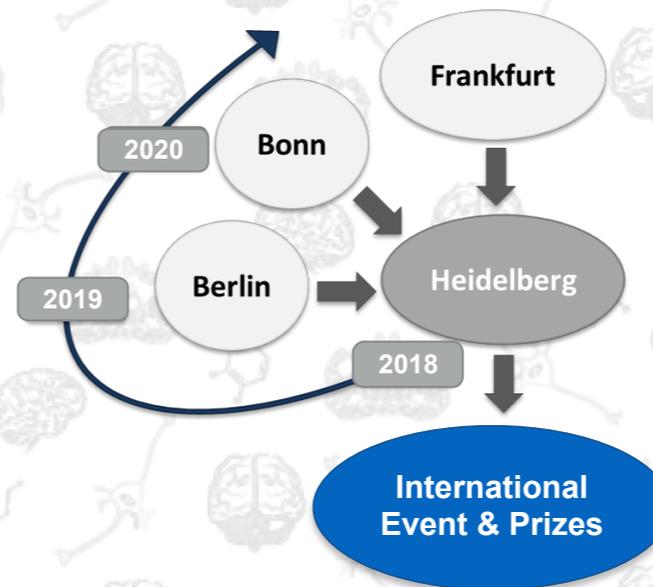
2 podium rounds

During these live Q&A rounds, students answer questions of increasing difficulty from a jury of neuroscientists.



We organise & provide...

A multi-level competition series



2017-18 Events Calendar

Registration season

Registrations **Open**

Date | November 15, 2017

Registrations **Close**

Date | February 10, 2018

Competition cycle

Phase 1: **Regionals** Events

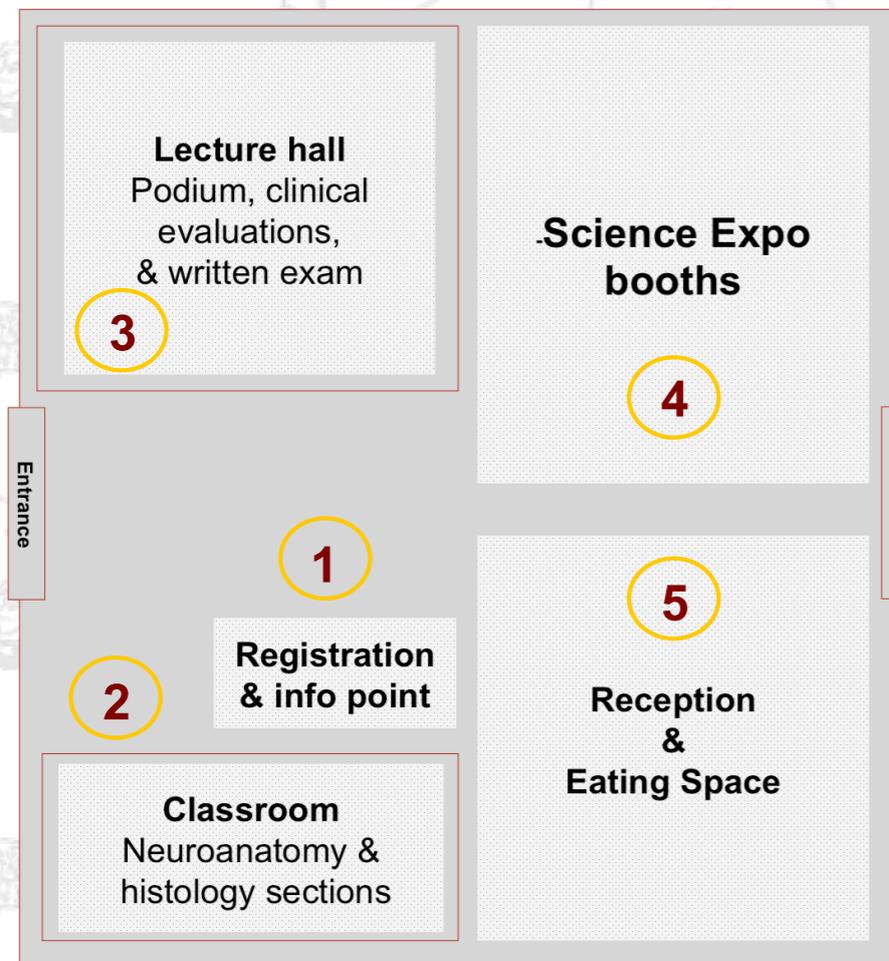
Date | March 17th, 2018

Locations | Berlin, Bonn, Frankfurt

Phase 2: **Nationals** Event

Date | May 12th, 2018

Location | Heidelberg, EMBL



High Quality Events

Our competitions are not like other competitions. At DNO e.V. we strive to create a unique program that is educational as well as a fun interactive environment for our student participants...and their guests. By design, our competition experience is as close as possible to real-life and clinical situations. We also host a mini Neuro-expo during our events, showcasing hands-on neuroscience activities easily transferable to a home and classroom setting.

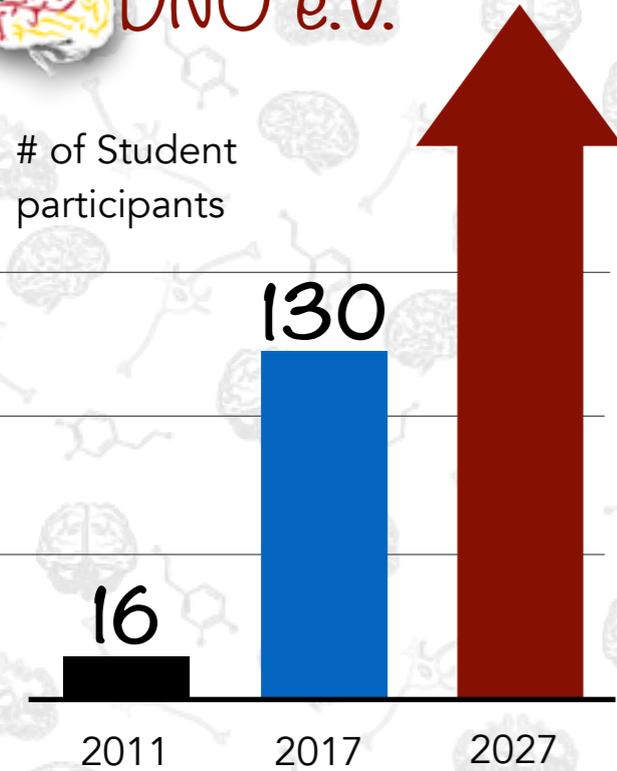
Therefore, Family, friends, and the teachers of our student participants are strongly encouraged to attend our events.

- 1 Registration**
Grab bags and gift items for students and guests.
- 2 Classroom**
Staging of brain models and microscope slides for the competition.
- 3 Lecture hall**
Main event space for podium rounds, talks, and awards ceremonies.
- 4 Science expo**
Hands-on demonstrations by companies and scientists.
- 5 Reception and dining**
Gathering point for students and scientists to connect and participate in interesting scientific discussions.



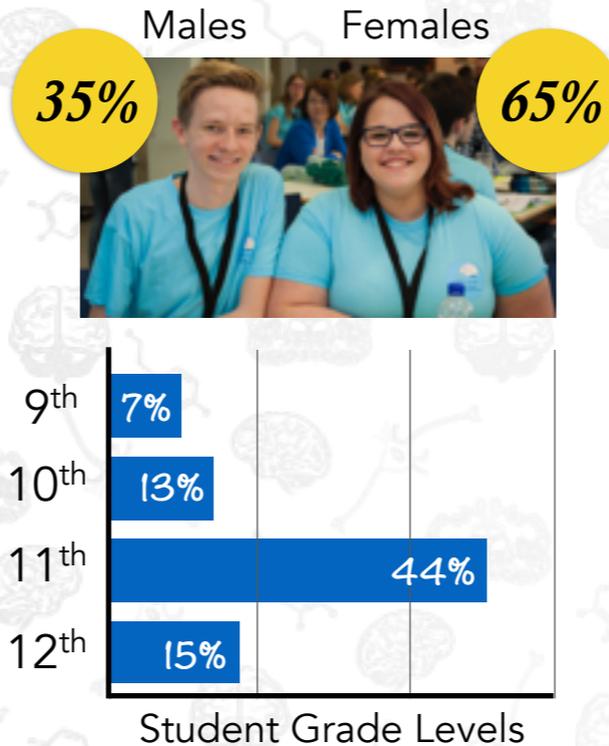
The impact and reach DNO e.V.

of Student participants



How we have supported our students this year...

2017 Competition participants



Post competition support

- 17** Recommendation letters written for university applications.
- 3** Research internships arranged for our 1st place Regionals winners.
- 2** Attendance vouchers and travel support for our 2nd and 3rd place Nationals winners to attend the 2017 Behaviour Conference in Estriol, Portugal.
- 1** Travel and accommodation support voucher for our 1st place national winner to attend the International Brain Bee in Washington D.C.

4

Regional locations with more to come

7

Years of experience hosting neuroscience competitions for high schools students

300+

Schools across Germany have nominated students to participate in our neuroscience competitions

"I admire your commitment to expanding the Deutsche Neurowissenschaften Olympiade project in Germany. For us teachers it means a lot and it always helps us when researchers find time to work with students. This helps to motivate young students incredibly!"

Christian Buss
Teacher
Gymnasium Riedberg, Frankfurt



Our target groups



Talented students

Our program attracts top high school students from all over Germany. Many former participants have gone on to study medicine and other life sciences, in addition to joining our organisation.

University & doctoral students

DNO e.V. is a neuroscience outreach initiative largely driven by students. Our program presents an opportunity for university and graduate students to engage, teach, and mentor future scientists.

Dedicated teachers & scientists

Our organisation includes of an international membership of driven professionals representing all areas of neuro- and life-sciences, connected by their passion for science outreach and education.

Did you know...?

Quick facts about the members of the DNO e.V.

60+ Dedicated members are supporting DNO e.V. behind the scenes.

15+ Fields of study are currently being pursued by our members. Including neuroscience, biology, psychology, medicine, physics, and education.

10+ Languages and nationalities are represented amongst our members.

100% Of our program materials are written and designed by us.

Why promote neuroscience outreach and education?



A Great Need for Neuroscience Awareness

DNO e.V. is the only Germany-wide organisation that specifically targets and advocates for brain awareness amongst young students. For many students we are their first introduction into the field of neuroscience. Here's why we are striving to teach young people about the importance of neuroscience:

1000+ Neurological diseases without cures

There are over 1000+ neurological and psychological diseases for which there is no cure. Only through a new generation of great minds making advances in research and technology can new discoveries and breakthroughs be achieved.

Early outreach

While many kids learn languages, mathematics, and other core subjects at a young age, most will not encounter their first neuroscience class until their last year of university. Early exposure to neuroscience is critical to encouraging high achieving students to pursue a neuroscience centred education and career.

The diverse challenges of neuroscience

From the propagation of an action potential in a single neuron to the complex firing of a neuronal network; from neuronal biology to computational modelling; from neurogenesis to neuronal degeneration, the subject of neuroscience is a diverse field of study. Furthermore, each area presents its own set of unsolved mysteries and unique challenges. Therefore, it is important to expose young students to the diversity of neuroscience and how it applies to their everyday life.



We have a Germany-wide neuroscience education initiative!

- ✓ Establish more local annual neuroscience competitions throughout Germany.
- ✓ Create and distribute our own neuroscience textbook for high school students.
- ✓ Establish and provide neuroscience based educational tools for high school teachers.
- ✓ Establish summer research schools and other educational programs.



Julius B. wins 4th place at the 2017 International Brain Bee!

Our highest IBB ranking thus far!



A year of amazing success



New partnership with the NWG, the largest neuroscience society in Germany

10 Local and national partnership & collaborations!



5000+

High schools contacted

147 student registrations
130 student participants



45 students participated in our Nationals event



3 New local organising teams

200 page new DNO e.V. study guide



Brand new and improved website

3 New social media platforms created to promote neuroscience education



“First, it was a really great experience to see that there are many others interested in neuroscience at my age. Its important that this competition exists actually. It's a great event for students who want to catch an insight into neuroscience, medicine and research. That there are well educated adults willing to bring their passion closer to younger people, whose hearts beat for the same thing, is amazing.”

— Julius B.
2017 DNO e.V. Nationals Winner



Why become a Partner with DNO e.V.?



Help us ...

to discover...

Young, talented students and encourage them to become fascinated by the world's most powerful computing machine: the brain.

shape the minds...

By providing opportunities for talented and deserving students to have a first-class neuroscience research experience, giving them a foundation of scientific inquiry at the beginning of their careers.

and inspire...

Young students to contribute to society by encouraging them to be creative scientists motivated to push the boundaries of scientific knowledge and research to discover, treat, cure, and prevent.

...the next generation of neuroscientists.



Our partners help us drive academic excellence

Our partnership institutes and societies share our enthusiasm and commitment of inspiring young students to learn more about the brain and the field of neuroscience. Furthermore, many of our students elect to use our competition materials to prepare for high school exams and university classes.

By working in partnership, we mobilise future scientists

By targeting upcoming top young students at the beginning of their careers, you can play a critical role in welcoming the next generation of scientists into the scientific community. With the help of our partners, influential young students are exposed to the latest advancements of science and technology.



Partner Benefits

Both locally, within your region, and internationally, the scientific communities, teachers, and students attracted to our program will fully appreciate your role as a partner. Through our website, promotional materials, press releases, and more, our program participants will discover who you are and where to get the services they need.



Invitation to judge

Participate as a podium session judge



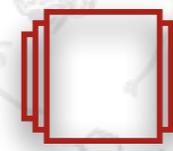
Logo placement

On our website, printed materials and T-Shirts



Promotional gifts

Included in participation and judging gift bags



Event signage

Judging panel, podium and registration backdrops



Press releases

Distributed by DNO e.V. Press and Marketing teams

Partnership & sponsorship opportunities

The Many Ways To Support DNO e.V.

Whether with in-kind or direct financial donations, there are many ways for institutions and private individuals to support our neuroscience outreach initiative.

Creative and innovative partnerships are most welcomed!
Connect with us today to craft an individual, unique partnership.

Partnerships nicholson@frankfurt.dno-ev.de

Sponsorships schwarz@berlin.dno-ev.de

Scientific & educational support

- Become a podium session judge
- Contribute to our study guide
- Contribute to our educational initiatives

Student support

- Volunteer as an internship supervisor
- Volunteer as mentor / coach
- Provide attends support for neuroscience conferences

Event support

- Donate venue space for our events
- Provide event catering
- Provide printing assistance for event materials
- Provide guided institute or city tours for students



Financial support

Direct financial support allows DNO e.V. to invest in the future longevity of our organisation and educational programs.

Donate today!	Genius +5000€	Champion +3000€	Stimulant +1000€	Support +500€
Logo on Website	✓	✓	✓	✓
Roll-up at event entrance	✓	✓	✓	✓
Podium backdrop	✓	✓	✓	
Press & promo releases	✓	✓		
Social media mentions	✓			



Donate Today!

DNO e.V. is a non-profit, 100% volunteer organisation. Every donation has a direct impact on our student participants.

DNO-Berlin e.V. (Central Organisation)

Steuer ID-Nr. 27 / 663 / 64172
BLZ: 10010010, Konto: 914382102
DE22100100100914382102
BIC: PBNKDEFF

DNO-Bonn e.V.

Steuer ID-Nr. 205 / 5761 / 2197 VBZ70
BLZ: 10010010, Konto: 916722101
DE29100100100916722101
BIC: PBNKDEFFXXX

DNO-Heidelberg e.V.

Steuer ID-Nr. 32489 / 51348
BLZ: 44010046, Konto: 329022462
IBAN: DE95440100460329022462
BIC: PBNKDEFF

DNO-Frankfurt e.V.

Steuer ID-Nr. 045 255 26135
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We are a premier Neuroscience Outreach & Educational Platform



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