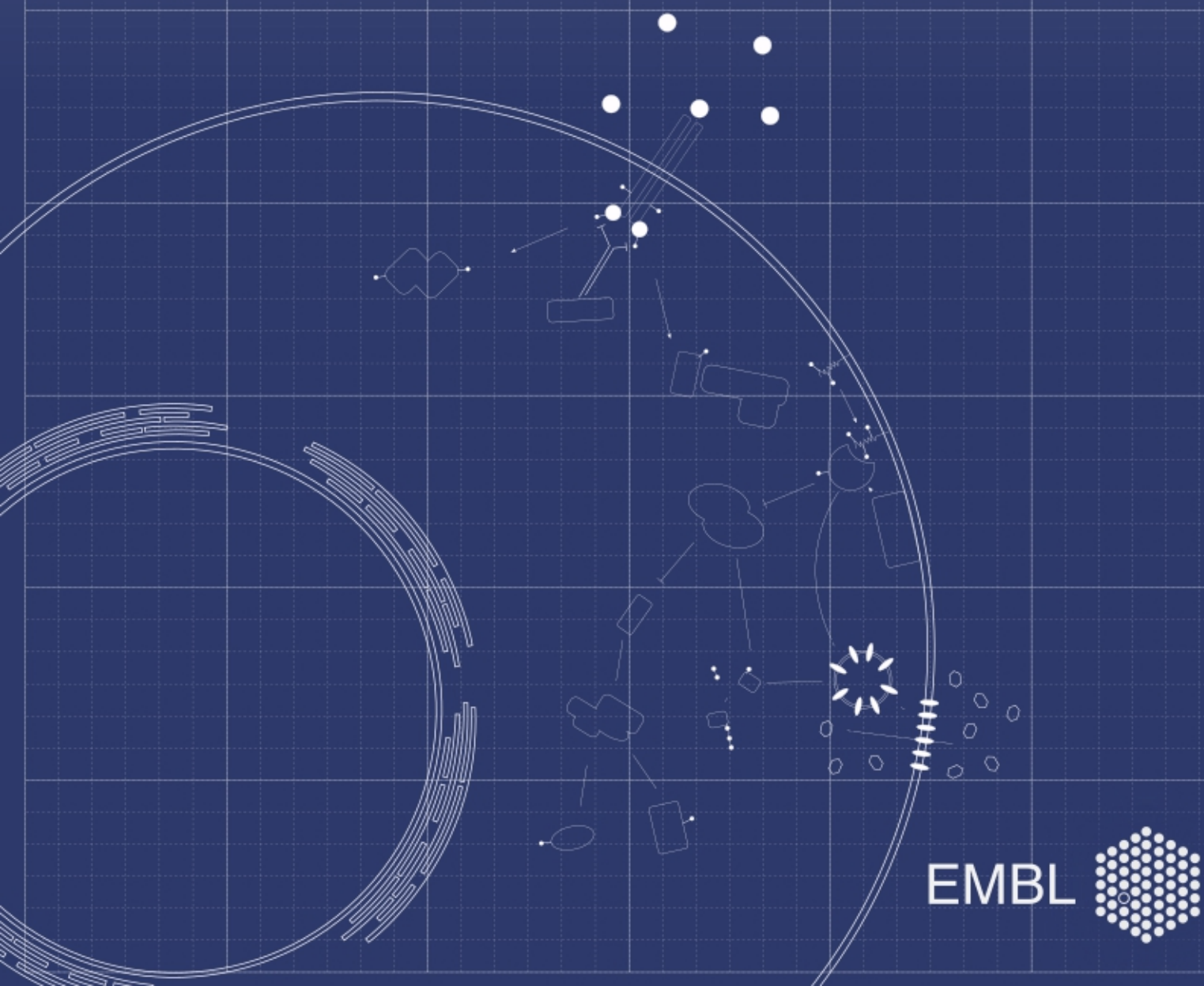


18th EMBL PhD Symposium

Life by Numb3rs

Towards Quantitative Biology

17th-19th November, 2016
EMBL Heidelberg, Germany



Europe's Flagship Laboratory for the Life Sciences

The European Molecular Biology Laboratory (EMBL) is one of the world's leading research institutes. EMBL is a non-profit organization and a basic research institute funded by public research monies from 20 member states and one associate member. Research at EMBL is conducted by approximately 85 independent groups covering the spectrum of molecular biology.

EMBL operates from five sites across Europe

Heidelberg, Germany - Headquarters

Hinxton, UK - European Bioinformatics Institute (EMBL-EBI)

Grenoble, France - research and services for Structural Biology

Hamburg, Germany - research and services for Structural Biology

Monterotondo, Italy - Mouse Biology Unit

EMBL's missions :

- perform **basic research** in molecular biology
- train** scientists, students and visitors at all levels
- offer vital **services to scientists** in the member states
- develop new **instruments and methods**
- actively engage in **technology transfer**



The EMBL PhD Symposium is organized annually by first-year PhD students. Participants from all over the world gather in Heidelberg, Germany, for a three-day event with talks by both top-level scientists and PhD students themselves. Additionally, participants have the opportunity to present posters of their work and to take part in informal blackboard talks given by the keynote speakers, offering an exciting means to discuss the topics directly with leading experts.

Abstract

Current research in biology demands an increasingly quantitative focus where system-wide approaches and theoretical modelling play a central role. Modern techniques allow the collection of vast amounts of data, yet analysing the underlying mechanisms and rules from this data remains challenging. This is further complicated by the fact that many of these processes are inherently stochastic and rarely accompanied by exact functional descriptions. Faced with these challenges, we still need to find ways to draw accurate conclusions and gain a higher-level understanding. The aim of this conference is to highlight recent advances and applications of quantitative research. In addition, we hope this symposium will inspire young researchers to see the implications of their work beyond a single process or correlation. This may help us get closer to predicting biological behavior by well-established principles comparable to those found in fundamental physics. At the core of this idea stands an interdisciplinary approach, which is also an integral part of the research here at EMBL. Finally, the symposium will consider quantification across multiple scales of biology, ranging from the sub-cellular to the multi-cellular level. We hope that an increased focus on quantitative and interdisciplinary approaches will help us reveal underlying mechanistic principles in complex biological systems.

Confirmed Speakers

Prof. Raymond E. Goldstein

University of Cambridge, UK

Prof. L. Mahadevan

Harvard University, USA

Prof. Luis Serrano Pubul

Centre for Genome Regulation(CRG), Spain

Dr. Timothy A. Ryan

Weill Cornell Medical College, USA

Prof. Dr. Dagmar Iber

ETH Zürich, Switzerland

Prof. Lucas Pelkmans

University of Zurich, Switzerland

Dr. Leila Perie

Curie Institute, Paris

Prof. Dr. Paola Piccotti

ETH Zürich, Switzerland

Dr. Katy Wolstencroft

Leiden Institute of Advanced Computer Science, The Netherlands

Dr. Peter de Peinder

VibSpec, The Netherlands

Prof. Leonie Ringrose

IRI for Life Sciences, Berlin

Dr. Irene Miguel-Aliaga

Imperial College London, UK

Mr. Russ Hodge

Max Delbrück Center for Molecular Medicine

Mr. Jonas Hartmann

EMBL Heidelberg, Germany

Mr. John Liebler

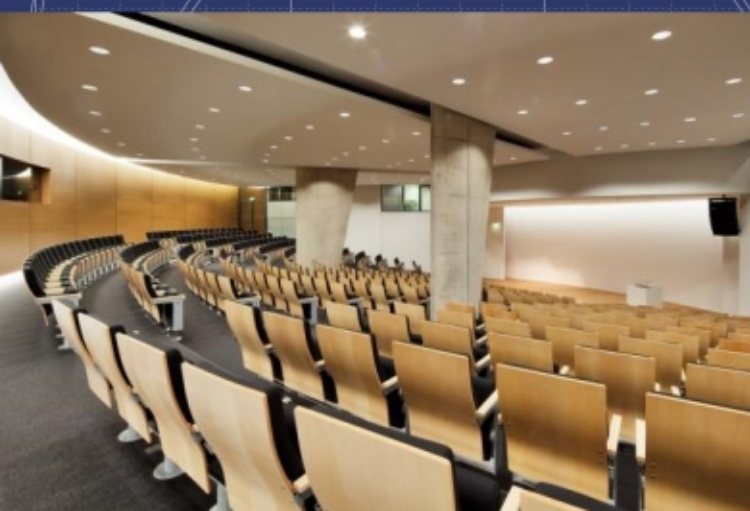
The Art of The Cell, USA



The Venue

The 18th PhD Symposium will be held in the EMBL Advanced Training Centre (ATC) at the Heidelberg Campus. The ATC is a unique venue with an eye-catching architecture inspired by DNA's double helix. This venue offers:

- A spacious Klaus Tschira Auditorium (450 seats)
- 823 m² foyer area which provides an inspiring environment for networking and socializing
- An exhibition space and catering facilities
- State-of-the-art meeting rooms and computer facilities for workshops and seminars



 Auditorium

 Exhibition area**

 Catering**

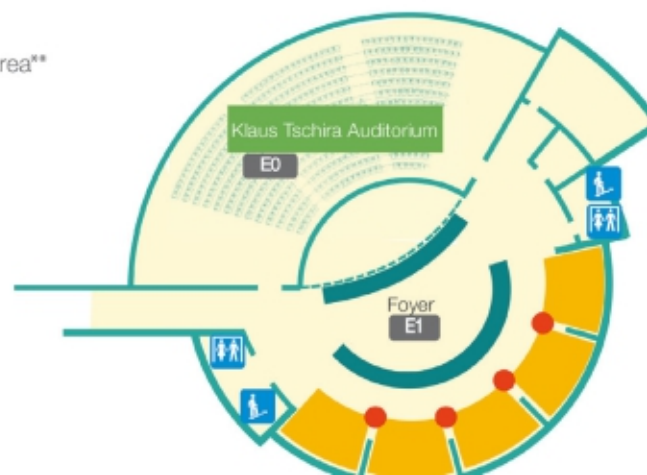
 Drinks**

 Floor Level

 Elevators

 Stairs

** subject to change



Sponsorship Options

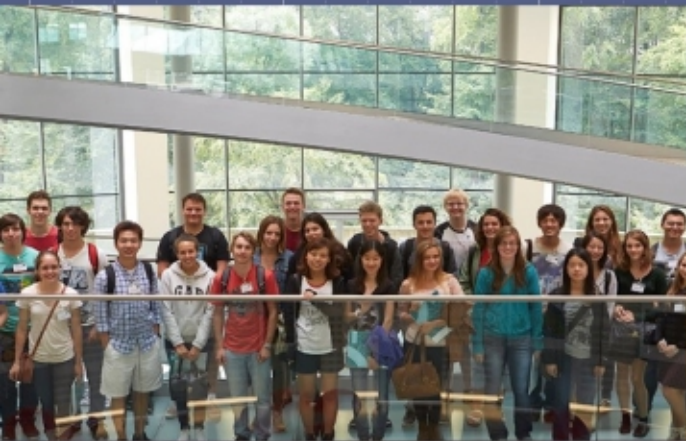
Option	Individual pricing	Bronze (750€)	Silver (1500€)	Gold (2500€)
Exhibition space (3m ²) <i>during entire symposium;</i> <i>incl. 1 table; 1 bistro table; 2 chairs; 1 electrical socket; 1 waste paper basket</i>	300 €			
Exhibition space (6m ²) <i>during entire symposium; incl. 1 table; 1 bistro table; 2 chairs; 1 electrical socket; 1 waste paper basket</i>	400 €			
Exhibition space (9m ²) <i>during entire symposium;</i> <i>incl. 1 table; 1 bistro table; 3 chairs; 1 electrical socket; 1 waste paper basket</i>	500 €			
Conference registration <i>incl. catering</i>	200€	1	2	3
Fun Coffee break sponsorship in a longer break(30 min) <i>Only 3 available</i>	200€		-25%	
Pull-up banner at the entrance to the conference building and auditorium	300€			
Color logo conference abstract book	100 €			
Color advert in the conference abstract book	½ page - 200€; 1 page - 300€		½ page	1 page
Color logo and URL on the conference webpage	100 €			
Advertisement space on the conference webpage	200 €			
Advertisement on the announcement screens	150 €			
Logo on the sponsor acknowledgement banner	100 €			
Logo on the holding slides during coffee breaks				
Flyers and brochures at the registration counter	100€	Only flyers		
Flyers and brochures in the delegate bag	200€	Only flyers		
Notepads, pens and lanyards in the delegate bag	150€			
Company logo on official symposium t-shirts (printing costs not included)				



Terms & Conditions

1. 19% VAT is applicable to the above prices for sponsoring companies from Germany. All other EU countries are required to provide their VAT number. Non-EU countries are exempt from VAT. All monies are payable in Euro.
2. Sponsorship will be allocated only on receipt of a signed booking form. A letter of confirmation will be provided by EMBL to confirm the booking. Applications will be processed in order of receipt.
3. Exhibition space will be allocated on a first come, first served basis. EMBL reserves the right to rearrange the floor-plan and / or relocate any exhibit without notice. There is no discount or refund for any facilities not used. Exhibitors are required to wear their name badges during exhibition hours.
4. Any sound system or equipment generating excessive noise is forbidden and will be removed at the exhibitor's expense.
5. **Cancellation policy:** Cancellation requests must be made in writing. If cancellation occurs less than 6 weeks prior to the start of the event, the cancellation fee is 100% of the sponsorship sum. If cancellation occurs between 4 months and 6 weeks prior to the start of the event, the cancellation fee is 50% of the sponsorship sum. If cancellation occurs more than 4 months prior to the start of the event, a cancellation fee of € 75 will be charged.
6. EMBL's courses and conferences hosted in the EMBL Advanced Training Centre are organised entirely on a non-profit basis, with the aim to limit expenses and minimise registration fees. In order to achieve these goals sponsorship funds are used collectively to support all EMBL's courses and conferences in the EMBL Advanced Training Centre and not individual events.

KEEP IN TOUCH!



phdsymposium2016@embl.de



<http://phdsymposium.embl.org/>



www.facebook.com/EMBL.PhD.Symposium



[@EMBLPhDSymp](https://twitter.com/EMBLPhDSymp)



www.instagram.com/phdsymposium