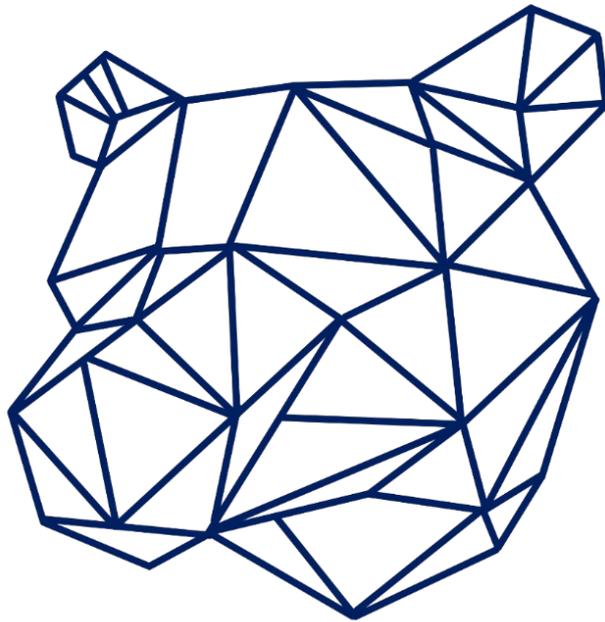


27th Heart of Europe Bio-Crystallography Meeting



HEC27

September 25 - 27, 2025

Halberstadt, Germany

Welcome to HEC27

The Heart of Europe Bio-Crystallography (HEC) Meeting is an annual academic structural biology conference. It brings together researchers at universities and research institutes from Austria, the Czech Republic, Germany and Poland as well as industry representatives to share and discuss their latest work and recent technological developments.

We are looking forward to three days packed with interesting talks on diverse topics in the field of structural biology. This year, there are 26 regular talks, 13 flash talks and six presentations by industrial sponsors. In addition, there will be events on science communication, a presentation on scientific publishing as well as the invited HEC lecture.

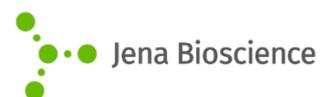
In a scientific lecture and seminar Claire Murray will highlight how equitable representation between scientists and the public can deepen the appreciation for crystallography and broaden its impact.

Kruna Vukmirovic will report on publishing in IUCr journals.

This year's HEC lecturer is Tobias Beck, University of Hamburg, who will present his research on protein nanocages, protein-nanoparticle composites and crystalline protein materials on Friday evening.

Sponsors

We would like to express our sincere gratitude to our sponsors for their generous support of the HEC27 Meeting. Their contributions play a vital role in enabling the event and fostering scientific exchange among young researchers and experts in the field of structural biology.



Program

Thursday, September 25, 2025

13:00-15:00 Arrival and registration, coffee as of 14:30

15:00-15:05 Welcome and opening remarks Markus Wahl

15:05-15:45 **Introduction of new HEC groups**
Chair: Markus Wahl

15:05-15:25 Introduction 1 Petra Wendler

15:25-15:45 Introduction 2 Agnieszka Kiliszek

15:45-16:00 **Coffee break**

Session I

16:00-17:40 **Nucleic acids and nucleic acid-protein complexes**
Chair: Markus Wahl

16:00-16:20 Talk1 Marharyta O. Makarova

16:20-16:40 Talk 2 Linh H. Tran

16:40-17:00 Talk 3 Kryštof Knapp

17:00-17:20 Talk 4 Carl Helmer

17:20-17:30  Sponsor presentation 1 Arne Meyer

17:30-17:35 Flash talk 1 Lea S. Pommerening

17:35-17:40 Flash Talk 2 Ole Tiemann

17:40-17:55 **Coffee break**

Session II
17:55-19:45 Methods, tools, innovations
Chair: Ingrid Span

17:55-18:15 Talk 1 Jakob Ruickoldt

18:15-18:35 Talk 2 Rosa Teijeiro Juiz

18:35-18:55 Talk 3 Elżbieta Wątor-Wilk

18:55-19:05 **MAXIMATOR** Sponsor presentation 2 Michael Bierwisch
maximum pressure

19:05-19:10 Flash talk 1 Adéla Fejfarová

19:10-19:15 Flash talk 2 Tobias Bock-Bierbaum

19:15-19:45 Lecture science communication

19:15-19:45 Lecture Claire Murray

19:45 Dinner and bar

Friday, September 26, 2025

Session III

9:00-10:40

Pathogenesis and host-pathogen interactions

Chair: Wulf Blankenfeldt

09:00-09:20 Talk 1 Burak Yilmaz

09:20-09:40 Talk 2 Markus Janetzky

09:40-10:00 Talk 3 Marie Thiemann

10:00-10:20 Talk 4 Biao Yuan

10:20-10:30



Sponsor presentation 3

Jakub Wojciechowski

10:30-10:35 Flash talk 1 Stephanie Himpich

10:35-10:40 Flash talk 2 Sascha Mrachacz

10:40-11:00 **Coffee break**

Session IV

11:00-12:40

Drug design and therapeutics

Chair: Agnieszka Kiliszek

11:00-11:20 Talk 1 Honorata Czapinska

11:20-11:40 Talk 2 Johannes Schweininger

11:40-12:00 Talk 3 Sophie Korn

12:00-12:20 Talk 4 Mara Hebeis

12:20-12:30



Sponsor presentation 4

Radovan Spurny

12:30-12:35	Flash talk 1	Lilith Schenkmann
12:35-12:40	Flash talk 2	Lucia Motlova
12:40-14:00	HEC photo and Lunch	
14:00-17:30	Social program	
14:00-17:00	Hike	
14:00-16:00	Seminar science communication	
14:00-16:00	Seminar	Claire Murray
16:00-17:30	Coffee break	
	Session V	
17:30-18:35	Protein complexes and molecular machines Chair: Manfred Weiss	
17:30-17:50	Talk 1	Andrea Smith
17:50-18:10	Talk 2	Peter Sok
18:10-18:20	 Sponsor presentation 5	Maria Kokkinidou
18:20-18:25	Flash talk 1	Jana Škerlová
18:25-18:30	Flash talk 2	Roosmarijn van der Woude
18:30-18:35	Flash talk 3	Franziska Fichtner
18:35-19:35	HEC lecture Chair: Markus Wahl	
18:35-19:35	HEC Lecture	Tobias Beck
19:35	Dinner and bar	
21:00	HEC committee meeting	

Saturday, September 27, 2025

9:00-10:35 **Session VI** **Enzymes I** Chair: Miriam Linnert

09:00-09:10



Sponsor presentation 6

Anna Lübben

09:10-09:30

Talk 1

Felix Wiebe

09:30-09:50

Talk 2

Parinita Singh

09:50-10:10

Talk 3

Daniel Zakaszewski

10:10-10:30

Talk 4

Zineb Chaabi

10:30-10:35

Flash talk 1

Alena Dolinska

10:35-11:00 **Coffee break**

11:00-12:40 **Session VII** **Enzymes II** Chair: Milton Stubbs

11:00-11:20

Talk 1

Tobias Harand

11:20-11:40

Talk 2

Reyana Ganguly

11:40-12:00

Talk 3

Piotr Malecki

12:00-12:05

Talk 4

Barbora Kaščáková

12:05-12:20 **Scientific publishing**

12:05-12:20

IUCr Journals

Kruna Vukmirovic

12:20-12:40 **HEC prizes, closing remarks, HEC song**

12:40-14:00

Lunch

14:00

Departure