

REGISTRATION

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The registration becomes binding upon receipt of the payment to the Westfälische Hochschule. A separate online registration must be made for each participant.
If you choose online registration with invoice, you will receive this in a separate e-mail.

INFORMATION / REGISTRATION

B.Sc. Pascal Zimmer
Westfälische Hochschule
Molekulare Biologie
August-Schmidt-Ring 10
45665 Recklinghausen
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INTERNET ADDRESS AND REGISTRATION (ONLINE)

www.apz-rl.de/BioProcessingDays_2025

DATES AND FEES

Participants	80 Euro
PhD student (Subject to verification)	50 Euro
Student *,** (Subject to verification)	free

* Registration is required
** incl. poster session (24.02.25), without evening event (25.02.25)

The evening event is included in the registration.
The number of participants of the event is limited.

CANCELLATION

If the registration is canceled by **17.02.2025**, 25 euros will be charged for processing. If the registration is canceled at a later date or in case of non-participation, the full invoice amount is due. Should the conference have to be canceled contrary to expectations – for whatever reason – paid fees will be refunded in full. Further claims are excluded.

INFORMATION AND EVENT LOCATION

EVENT LOCATION

Westfälische Hochschule
Standort Recklinghausen
August-Schmidt-Ring 10
45665 Recklinghausen

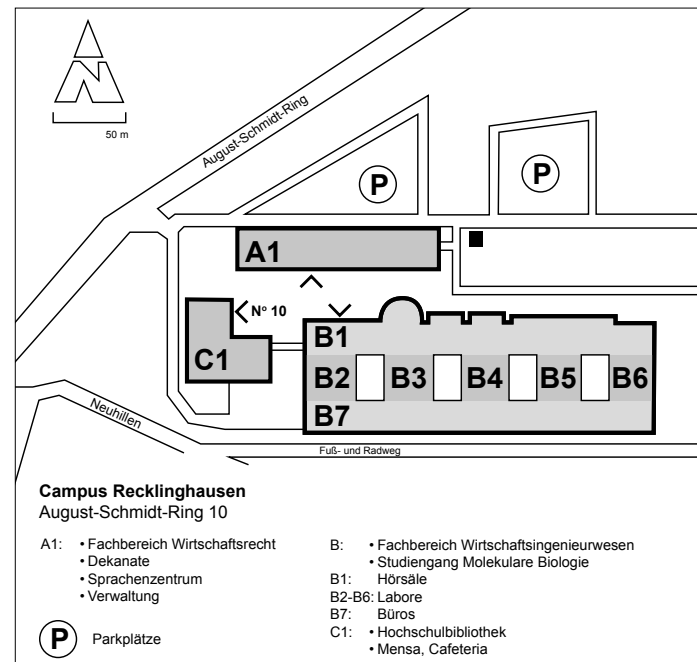
HOTEL INFORMATION

Best Western Parkhotel Engelsburg****
www.parkhotel-engelsburg.de

Residenz Hotel am Festspielhaus****
www.residenz-recklinghausen.de

Am Quellberg***
www.hotel-am-quellberg.de

Holiday Inn Express****
www.ihg.com/holidayinnexpress



The event will take place in the B1-area.

CONTACT / SPONSORS

EVENT INFORMATION

Arbeitsgruppe BioProzessTechnik
Prof. Dr. Frank Eiden
Westfälische Hochschule
Standort Recklinghausen
Molekulare Biologie
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www.apz-rl.de/BioProzessTechnik

SPONSORS 2025

BPDs 2025

BIOPROCESSINGDAYS

CONFERENCE and WORKSHOP

February 24th – 26th, 2025
Recklinghausen

INNOVATIVE BIOPROCESS TECHNOLOGY



ORGANIZER

Westfälische Hochschule
Gelsenkirchen Bocholt Recklinghausen

BIO PROZESSTECHNIK | **APZ** Applikationszentrum für angewandte Biotechnik

www.apz-rl.de/BioProcessingDays_2025

INVITATION

 Monday, February 24th, 2025

 Tuesday, February 25th, 2025

 Wednesday, February 26th, 2025

MOTIVATION

Innovative approaches in bioprocess technology are revolutionizing industrial production by optimizing biological systems. Precision fermentation and automated process control are driving the development of new, efficient production methods with high scalability, addressing the growing demand for sustainable and cost-effective solutions across various industries.

Adaptive bioreactor systems with inline sensors and real-time data analysis are shaping process development. Multiparameter measurement systems provide precise data on critical parameters such as pH, oxygen transfer, and metabolites, enabling highly accurate monitoring. The use of advanced machine learning algorithms further enhances flexibility, allowing dynamic and predictive adjustments to changing production conditions, reducing variability and improving consistency.

Scaling from laboratory to industrial production is supported by high-throughput technologies. Parallel reactor systems and microfluidics enable the precise optimization of production organisms and process parameters at the molecular level. Significant efficiency gains have been achieved, particularly in biopharmaceutical manufacturing, where cost reduction and speed are critical.

Integrated downstream solutions are key to ensuring overall process efficiency. Advanced separation techniques, including chromatography and membrane filtration, significantly improve product purity and yield. Continuous processes like perfusion optimize throughput while minimizing interruptions. Single-use systems add versatility, enabling quick adaptation to new production demands and offering contamination-free, resource-efficient workflows. The combination of innovative process monitoring, data-driven optimization, efficient scaling, and sustainable resource utilization positions bioprocess technology as a transformative force. It drives scalable, environmentally friendly production systems, meeting both industrial needs and global sustainability goals.

AIMS OF THE EVENT

- Imparting current impulses from the field of applied bioprocess technology
- Networking of science and industry
- Presentation of process-relevant aspects in the context of practically oriented workshops
- Presentation of new applications ("from sensors to process intelligence") based on application examples-
- Discussion of possible project approaches

ORGANIZING COMMITTEE

B.Sc. Pascal Zimmer	Westfälische Hochschule AG BioProzessTechnik
Prof. Dr. Lars M. Blank	RWTH Aachen Institute of Applied Microbiology
Prof. Dr.-Ing. Frank Eiden	Westfälische Hochschule AG BioProzessTechnik

PROGRAM	
14:30	Registration
15:30	Opening
15:45	Key Lecture: Lars Blank, RWTH
16:45	Elevator Pitch
18:00	EVENING EVENT: • Start-Up Clips • Poster-Speed-Pitch <i>Mensa</i>

PROGRAM	
09:00	Welcome by the Vice-President for Research and Transfer of the Westphalian University of Applied Sciences, Prof. Dr. Michael Brodmann
09:15	TALK: Microharvest , Hamburg
10:00	Go-Around 1 <i>Foyer</i>
11:15	TALK: Oliver Kayser , TU Dortmund
12:00	LUNCH <i>Mensa</i>
13:30	TALK: Katrin Rosenthal , Bremen
14:15	TALK: Katharina Saur , RWTH
15:00	PAUSE
16:00	TALK: Amphasys , Luzern
16:45	TALK: Marco Oldiges , FZ Jülich
19:00	EVENING EVENT <i>Festspielhaus</i>

PROGRAM	
09:00	TALK: BioThrust , Aachen
09:45	TALK: bfab , Köln
10:30	Go-Around 2 <i>Foyer</i>
11:30	TALK: Roche , Mannheim
12:15	LUNCH <i>Mensa</i>
13:15	TALK: DAB.bio , Delft
14:00	TALK: Bayer , Monheim
14:45	Prizes (Poster & StartUps)
15:00	Goodbye

SUPPORTER



INITIATIVEN

