

## GENERAL INFORMATION



## SPONSORS



B·R·A·I·N



## SUPPORTING ORGANISATIONS



## TRAVEL

**With public transport**

By train: ICE to Karlsruhe, then local tram S1 from Karlsruhe main station to Bad Herrenalb via Ettlingen (further information: [www.bahn.de](http://www.bahn.de)).

By bus: from Pforzheim, Baden Baden or Wildbad/Calw.

From Bad Herrenalb station it takes approximately 10 minutes by foot.

**By car**

From Freiburg/Basel/Strasbourg: A5

From Stuttgart/Ulm/München: A8

From Mannheim/Frankfurt/Koblenz: A5/A61

From Karlsruhe via Ettlingen through the Alb valley to Bad Herrenalb. In the town centre, left direction Dobel/Pforzheim.

There are car parks above the conference venue on the right hand side.

## VENUE AND ACCOMMODATION

Haus der Kirche - Evangelische Akademie  
Dobler Str. 51  
76332 Bad Herrenalb, Germany

## SCHEDULE

Beginning: Monday, 27 July 2020, 1:30 pm

End: Thursday, 30 July 2020, 12:15 pm

## LANGUAGE

English

## APPLICATION

Please send your application to:

DECHEMA-Forschungsinstitut  
Training department  
Theodor-Heuss-Allee 25  
60486 Frankfurt am Main, Germany

Tel.: +49 69 75 64-253/202

Fax: +49 69 75 64-414

E-Mail: [nicola.gruss@dechema.de](mailto:nicola.gruss@dechema.de)

E-Mail: [patrice.mengler@dechema.de](mailto:patrice.mengler@dechema.de)

Internet: <http://dechema-dfi.de/en/biotransformations2020>

## REGISTRATION FEE

incl. accommodation, board, course materials, certificate of attendance, soft drinks and VAT

390,- € PhD students and Post Docs Academia

480,- € industrial researchers

Deadline: 19 May 2020

## 5TH SUMMER SCHOOL

27 - 30 July 2020  
Bad Herrenalb/Germany

# Biotransformations 2020

[www.dechema-dfi.de/biotransformations2020](http://www.dechema-dfi.de/biotransformations2020)



## TOPIC

Biotransformations have become an important tool in all areas of industry, where high yielding chemo-, regio-, and enantioselective reactions often are critical.

To increase efficiency of new biotechnological processes it is important that scientists from the diverse fields of chemistry, biology and process engineering work efficiently together in research and development.

## AIM

The aim of the Summer School Biotransformations in 2020 is

- » to expand the academic curriculum on biotransformations
- » to impart knowledge about new topics in the field
- » to educate in interdisciplinary communication of the different fields
- » to bring together young scientists with leading experts from academia and industry

## TARGET AUDIENCE

- » PhD students, post-docs (scientists) from academia
- » young industrial researchers at an early stage of their career.

Speakers will stay at least for one night to enable an intensive exchange and discussion among all participants about scientific topics and career opportunities.

PhD students and post-docs have to contribute a poster and a one page abstract presenting their work. Posters will be presented in „2 minute speed lectures“ as a part of the official scientific programme and will also be discussed during poster sessions.

The number of participants is limited to 70 persons, enabling close interactions of the young academics with leading experts in the field of biotransformation.

## SELECTED KEYWORDS FROM LECTURE PROGRAMME

- » In silico discovery and modelling
- » Non-conventional reactions
- » Enzyme cascades
- » combination of chemo- and biocatalysis
- » Pathway engineering
- » Synthetic Biology
- » Directed evolution
- » Retrosynthesis
- » Immobilization
- » PET degradation
- » Cryo-EM
- » Microbial electrosynthesis
- » H2 biotechnology

## ORGANISATION COMMITTEE

Jürgen Eck	formerly BRAIN AG, Zwingenberg
Andreas Liese	Technical University of Hamburg-Harburg
Andreas Schmid	UFZ, Leipzig
Jens Schrader	DECHEMA-Forschungsinstitut, Frankfurt
Georg Sprenger	University of Stuttgart
Christoph Syldatk	Karlsruhe Institute of Technology
Vlada Urlacher	Universität Düsseldorf

## SCIENTIFIC BOARD

DECHEMA-Fachgruppe Biotransformationen  
 Vereinigung für Allgemeine und Angewandte Mikrobiologie (VAAM)  
 DECHEMA Gesellschaft für Chemische Technik und Biotechnologie e.V.  
 Frankfurt am Main

## Reply form

(Fax-No.: +49 69 7564-414)

DECHEMA-Forschungsinstitut  
Training department  
P.O. Box 17 03 52  
D-60077 Frankfurt am Main

### Registration to the DECHEMA summer school "Biotransformations 2020" Bad Herrenalb, 27-30 July 2020

Deadline for registration: 19 May 2020

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#### Participant

Ms  Mr  Title \_\_\_\_\_

Name \_\_\_\_\_ Surname \_\_\_\_\_

Company \_\_\_\_\_

Department \_\_\_\_\_

Street/POB \_\_\_\_\_

Code/Place \_\_\_\_\_

Phone/Fax \_\_\_\_\_ E-mail \_\_\_\_\_

Poster abstract is attached

#### Invoice address

Company \_\_\_\_\_

Department \_\_\_\_\_

Street/POB \_\_\_\_\_

Code/Place \_\_\_\_\_

The course fee amounts to € 480,- (industrial researchers)/€ 390,- (PhD students and Post Docs Academia). If we receive a notice of withdrawal at least two weeks prior to the beginning of the course, the participation fee less 10% for administration expenses will be reimbursed. Thereafter, a reimbursement will not be possible.

I have been informed about the data protection regulations for the use of DECHEMA services. I have also been informed about my right to object to the use of my data at any time without giving reasons. (For more information visit [https://dechema-dfi.de/en/datenschutz\\_en.html](https://dechema-dfi.de/en/datenschutz_en.html)).

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Place, date

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signature + company stamp