

LOCATION



The Educational Centre "Kloster Banz" was founded in 1069 as a Benedictine monastery. During the following centuries it was rebuilt and extended by Johann Dientzenhofer and Balthasar Neumann.

By the nineteenth century it had become one of the biggest monasteries in Bavaria. It is located in the northern part of Bavaria on a hill overlooking the small town „Bad Staffelstein“, close to Bamberg. It is easy to reach by public transportation.

BY PLANE:

Travel to Frankfurt, Munich or Nuremberg International Airports. Continue to Lichtenfels by train or directly to Banz by rental car.

BY TRAIN:

Travel to Lichtenfels via Nuremberg, Würzburg or Bamberg. Transportation between Lichtenfels Station and Banz Monastery will be provided.

BY CAR:

You can take different Highways (A 70, A 73) via Bamberg to Banz. From the Highway A 73 take exit "Bad Staffelstein-Nord" and follow the signs to „Kloster Banz“.

See also the site map on the conference web pages.

CONTACT

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DEADLINES

Scientific contributions: November 27, 2016
Latest registration: February 1, 2017
Final conference abstract: February 1, 2017
(see style file on web page)

INTERNET

Contribution submission, online registration, technical program and additional information are available at

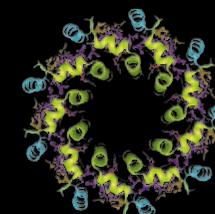
www.lhp-bayreuth.de

Please inform your colleagues and coworkers about this conference!

The organizers gratefully acknowledge financial support from the "Emil-Warburg-Stiftung", the "Bayreuth Institute of Macromolecular Research", and the DFG Research Training Group "GRK 1640".



An Interdisciplinary Conference on Novel Concepts of Light-Harvesting Phenomena and Related Topics



LHP 2017:

From Light-Harvesting to Solar-Fuels

March 26 – 30, 2017
Banz Monastery, Germany



UNIVERSITÄT
BAYREUTH

www.lhp-bayreuth.de

INVITATION

Total annual global energy consumption is set at least to double from its current level by 2050. Given the fact that the amount of solar energy that hits the Earth every hour meets the world's annual energy needs, it becomes clear that solar driven energy production represents a sustainable, long-term alternative to solve that problem. Currently, solar cells based on inorganic semiconductors represent the underlying principle of most applications that have found their way into daily life. Yet, in order to cover a significant share of the world's power consumption by solar energy it will be necessary to further reduce the production costs of the modules at an simultaneous increase of the power conversion efficiency, asking for the development of new materials for that purpose. The various natural light-harvesting systems in photosynthesis, which might serve as blueprints for the construction of novel solar cells based on organic matter, testify that organic materials are very well suited to harvest solar energy, thereby offering several advantages over classical semiconductor materials such as lightweight, self-assembly, and low-cost production to name a few.

Aim of the conference „LHP 2017: From Light Harvesting to Solar Fuels“ is to bring together scientists from diverse fields to stimulate co-operations and to discuss options for the technological development of practical methods for the utilization of photosynthesis. The realization of the seriousness and rapidity of climate change accentuates the importance of this research for future energy supply.

SCIENTIFIC PROGRAM

ORGANIZING AND PROGRAM COMMITTEE

Jürgen Köhler (Physics, Bayreuth)
Richard Cogdell (Biology, Glasgow)
Stephan Kümmel (Physics, Bayreuth)
Mukundan Thelakkat (Chemistry, Bayreuth)

The scientific program will consist of invited lectures, contributed talks and posters.

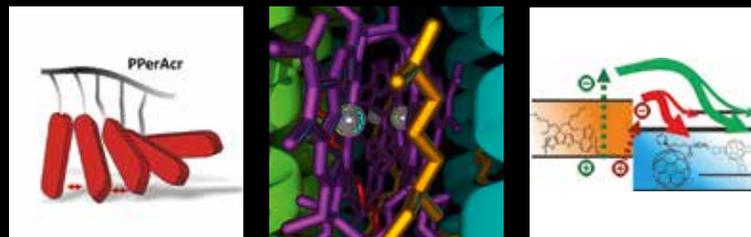
KEYNOTE SPEAKERS

Vincent Artero (Grenoble, France)
Alan Aspuru-Guzik (Harvard, USA)
Leif Hammarström (Uppsala, Sweden)
Licheng Sun (Stockholm, Sweden)
Wolfgang Lubitz (Mülheim, Germany)
Frank Spano (Temple, USA)
Alexander Ruban (London, United Kingdom)
Wolfgang Zinth (München, Germany)

Additionally, invited lectures on selected hot topics are given by international experts.

For an update on the program please visit the conference web pages.

www.lhp-bayreuth.de



GENERAL INFORMATION

REGISTRATION

Online registration will be available on the conference web pages at

www.lhp-bayreuth.de

For additional information please send a note to

lh@uni-bayreuth.de

ACCOMMODATION

All participants will be accommodated in the main building of the monastery "Kloster Banz" in modern single and double rooms. During the conference, full internet and FAX access is available.

CONFERENCE FEE

The conference fee includes accommodation and 4-day full board (breakfast, lunch, dinner, without beverages), coffee (tea) during breaks, shuttle service to and from train station, and the abstract booklet.

Payment	before Jan. 21	after Jan. 21
Participant (regular fee)		
single bedroom	775.– EUR	805.– EUR
double bedroom	745.– EUR	775.– EUR
Students fee		
double bedroom	645.– EUR	675.– EUR

all prices per person

For cancellation before February 12, 2017 a service charge of 50 EUR will be deducted from the refund. No refunds can be made for cancellations received after February 12, 2017.

The reduced fee for students can be offered for a limited number of participants.