

General information

Scientific committee

Alfons Bora (Bielefeld University, DE)
Franz Narberhaus (Bochum University, DE)
Alfred Pühler (Bielefeld University, DE/Chair)
Juan Ramos (CSIC Granada, ES)
Wolfgang Wiechert (Düsseldorf University, DE)

Organizing committee

Alexander Goesmann
Jörn Kalinowski
Karsten Niehaus
Werner Selbitschka
Andreas Tauch
Stefan Weidner
Volker Wendisch

Information

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Registration

For details regarding registration please see
<http://www.cebitec.uni-bielefeld.de/>

Location

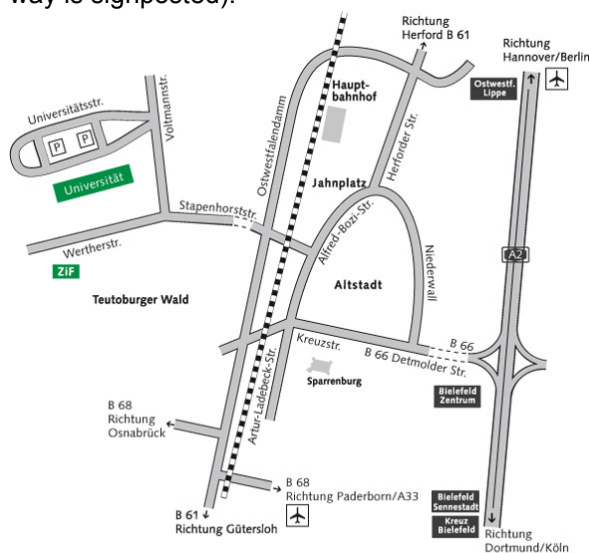
Center for Interdisciplinary Research (ZiF),
Wellenberg 1, 33615 Bielefeld
(<http://www.uni-bielefeld.de/ZiF>)

General information

Arrival

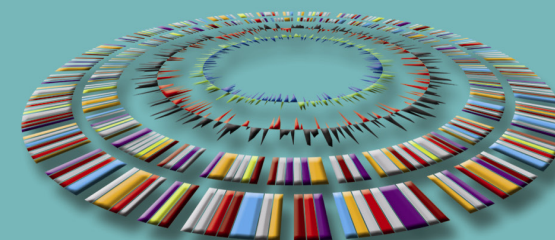
By car, you can take the A 2 Dortmund - Hanover, exit at "Bielefeld-Zentrum", follow the street signs towards the center ("Zentrum"), and from there follow the signs to "Werther". From the "Werther-strasse", the ZiF is on the left side on the slope of the hill. The entrance is signposted.

Bielefeld can be reached from any major town by trains running on an hourly schedule (Eurocity train system: marked EC, IC, or ICE on the train schedule). From Bielefeld's main station you can either take a taxi to the ZiF (approx. EUR 10,-) or take the underground tram line 4 (destination "Universität" or "Lohmannshof"). From the tram stop "Universität" you can reach the ZiF by walking up the hill behind the main building of the university (the way is signposted).



Genome-based Microbiology - From -omics Research to Systems and Synthetic Biology

Center for Interdisciplinary Research (ZiF) of Bielefeld University



Invited Speakers

Catherine Biggs, Sheffield/UK
Keith Chater, Norwich/UK
Daniel Daley, Stockholm/SE
Marcus Dröge, Mannheim/DE
Dirk Evers, Cambridge/UK
Bärbel Friedrich, Berlin/DE
Jack Gilbert, Argonne/US
Alexander Goesmann, Bielefeld/DE
Armin Grunwald, Karlsruhe/DE
Regine Hengge, Berlin/DE
Christian Hertweck, Jena/DE
Daniel Huson, Tübingen/DE
Lothar Jänsch, Braunschweig/DE
Jörn Kalinowski, Bielefeld/DE
Tino Krell, Granada/ES
Michael Lalk, Greifswald/DE
Victor de Lorenzo, Madrid/ES
Klaus Mainzer, München/DE
Alice McHardy, Düsseldorf/DE
Franz Narberhaus, Bochum/DE
György Posfai, Szeged/HU
Dmitry Rodionov, La Jolla/US
Claudia Sala, Lausanne/CH
Ralf Takors, Stuttgart/DE
Aljoscha Wahl, Delft/NL
Wilfried Weber, Freiburg/DE
Wolfgang Wiechert, Jülich/DE
Nicola Zamboni, Zürich/CH



Invitation

The Center for Biotechnology (CeBiTec) of Bielefeld University cordially invites you to attend the 6th CeBiTec Symposium entitled "Genome-based Microbiology: From -omics Research to Systems and Synthetic Biology". The conference will be held at the Center for Interdisciplinary Research (ZiF) of Bielefeld University from July 18th to 20th, 2011. Thematically, the conference covers the spectrum from microbial genomics and postgenomics to systems and synthetic biology. In addition, novel technological developments in next-generation high-throughput sequencing will be presented. The major topics to be addressed are:

- Genomics and Metagenomics Research
- Transcriptomics, e.g. RNA-Seq
- Proteomics/Metabolomics
- Bioinformatics Challenges
- Regulatory Networks
- Modeling and Simulation
- Synthetic Biology and Public Perception
- iGEM Competition
- Next-Generation Sequencing Technologies

The meeting will feature plenary lectures, poster presentations as well as exhibition booths of manufacturers of high-throughput sequencing machines. I look forward very much to welcome you in Bielefeld!



A. Pühler (Chair of the Scientific Committee)

Programme

July 18th, 2011

11:00 Registration/Snacks

12:15 Welcome Address
M. Egelhaaf, Bielefeld University/DE

12:30 Opening Session
K. Chater, Norwich/UK
J. Gilbert, Argonne Laboratory/US

14:00 Coffee break

14:30 Opening Session (continued)
R. Hengge, FU Berlin/DE
B. Friedrich, HU Berlin/DE

16:00 Coffee break

16:30 Transcriptomics
F. Narberhaus, Bochum University/DE
R. Takors, Stuttgart University/DE
J. Kalinowski, Bielefeld University/DE

18:00 Coffee break

18:30 Proteomics
D. Daley, Stockholm University/SE
L. Jänsch, HZI Braunschweig/DE
C. Biggs, Sheffield University/UK

20:15 Mixer/Poster Presentations/Exhibition

July 19th, 2011

09:00 Metabolomics
M. Lalk, Greifswald University/DE
C. Hertweck, HKI Jena/DE
N. Zamboni, ETH Zürich/CH

10:30 Coffee break

11:00 Modeling and Simulation
W. Wiechert, Düsseldorf University/DE
A. Wahl, TU Delft/NL

Programme

12:30 Lunch

13:30 Bioinformatics
A. McHardy, MPI Düsseldorf/DE
D. Huson, Tübingen University/DE
A. Goesmann, Bielefeld University/DE

15:00 Coffee break

15:30 Regulatory Networks
V. de Lorenzo, CSIC Madrid/ES
D. Rodionov, Burnham Institute, La Jolla/US
T. Krell, CSIC Granada/ES
C. Sala, EPF Lausanne /CH

17:30 Coffee break

18:00 Industrial Talks
M. Dröge, Roche Applied Science, Mannheim/DE
D. Evers, Illumina Inc., Cambridge/UK
Applied Biosystems, Darmstadt/DE
Ion Torrent, Guilford/US

20:30 Conference Dinner

July 20th, 2011

09:00 Synthetic Biology and Public Perception
G. Posfai, Biological Research Centre, Szeged/HU
W. Weber, Freiburg University/DE
K. Mainzer, TU München/DE
A. Grunwald, KIT Karlsruhe/DE

11:00 Coffee break

11:30 iGEM Competition
iGEM team Delft/NL
iGEM team Edinburgh/UK
iGEM team Odense/DK
iGEM team Freiburg/DE
iGEM team Ljubljana/SI
iGEM team Bielefeld/DE

13:30 Closing Remarks