

Submission of abstracts

Deadline: July 1st 2014

For registration and information about poster presentation, please visit: www.spp1617.de

Contact:

Prof. Dr. Kirsten Jung
Ludwig-Maximilians-University Munich
Faculty of Biology, Department I,
Microbiology
Großhaderner Str. 2-4
82152 Martinsried

Email: jung@lmu.de

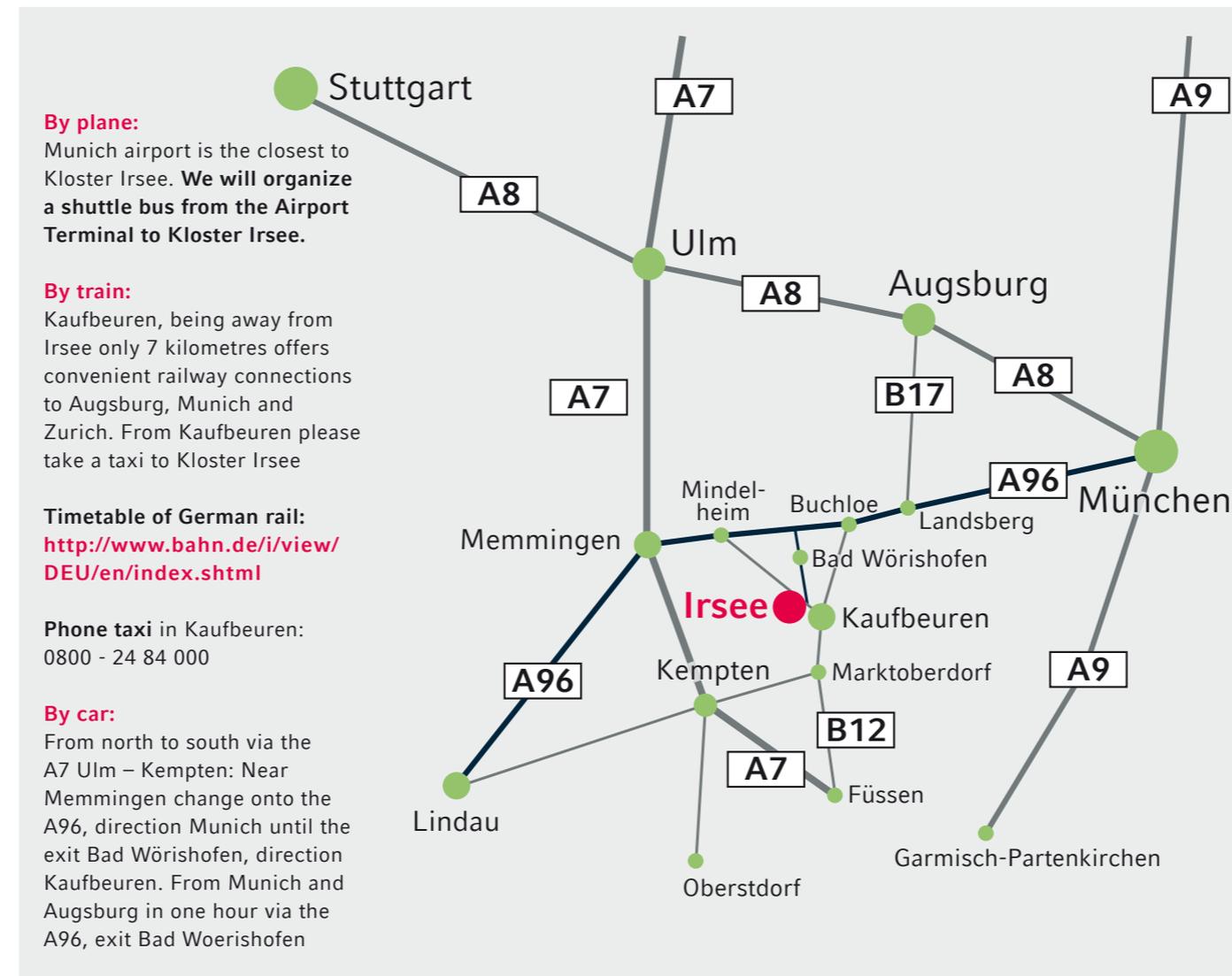
Tel.: +49-(0)89-2180-74500

Fax: +49-(0)89-2180-74520

Acknowledgement:

We thank the German Research Foundation – Deutsche Forschungsgemeinschaft (DFG) for financial support.

How to find Kloster Irsee



Phenotypic heterogeneity and sociobiology of bacterial populations

International Meeting 
October 15 – 17, 2014

Kloster Irsee
Tagungs- und Bildungszentrum
Klosterring 4
87660 Irsee, Germany





Program

Dear SPP members, dear guests,

on behalf of the Board Members of the DFG funded Priority Program 1617, it is with great pleasure that I hereby invite you to the International Conference and our next progress meeting at Kloster Irsee. The meeting will take place in Irsee from October 15th to 17th 2014.

Irsee is a village and municipality in the district of Ostallgäu in Bavaria in Germany. The centre of the village is dominated by a monastery, our meeting venue. This place is a former benedictian imperial monastery of the 18th century. Since 1981 it has been housing the Swabian Congress and Education Center. This Center links modern comfort with quiescence and seclusion in the historic accommodation of a monastery.

Yours sincerely,
Kirsten Jung
(Speaker of the SPP1617)

The conference is part of
DFG Priority Programme 1617

Wednesday, October 15, 2014

12:30 pm	Registration
01:00 pm	WELCOME RECEPTION & LUNCH SNACKS
02:00 pm	Kirsten Jung: Opening remarks
Session 1: Division of Labor and Bet-hedging	
02:20 pm	■ Martin Ackermann (Zürich, Switzerland) Collective functionality through bacterial individuality
03:00 pm	■ Sophie Helaine (London, UK) Persisters of <i>Salmonella</i> during host infection
03:40 pm COFFEE BREAK	
04:20 pm	■ Marek Basler (Basel, Switzerland) Structure and dynamics of Type 6 secretion systems
05:00 pm	■ Bärbel Stecher (München, Germany) The role of colicin Ib expression in enterobacterial blooms
05:40 pm	■ Petra Dersch (Braunschweig, Germany) <i>Yersinia</i> virulence regulation: no simple ON and OFF switch
07:00 pm	ORGAN RECITAL
08:00 pm DINNER	

Thursday, October 16, 2014

Session 2: Phenotypic Heterogeneity and its Origin

09:00 am	■ Julia Frunzke (Jülich, Germany) Spontaneous prophage induction in bacterial populations
09:40 am	■ Wolfgang Streit (Hamburg, Germany) Molecular keys to phenotypic heterogeneity in the unique nitrogen fixing symbiont <i>Rhizobium</i> sp. NGR234
10:20 am COFFEE BREAK	
11:00 am	■ John McKinney (Lausanne, Switzerland) Microbial individuality and antibiotic tolerance
11:40 am	■ Sander Tans (Amsterdam, Netherlands) Stochasticity in metabolism at the single-cell level
12:20 pm	■ Suckjoon Jun (San Diego, USA) Cell-size control in bacteria
01:00 pm LUNCH	
02:15-03:00 pm	SHORT TALKS Selected from poster abstracts
03:00-06:00 pm	POSTER SESSION
05:00-06:30 pm	GUIDED TOUR through Monastery (optional)
06:30 pm DINNER	
08:00 pm	■ Oscar P. Kuipers (Groningen, Netherlands) Monod revisited: heterogeneity and bet-hedging during diauxic shift in a bacterial culture

Friday, October 17, 2014

Session 3: Evolution and Population Dynamics

09:00 am	■ Akos Kovacs (Jena, Germany) Cooperation and competition in <i>Bacillus subtilis</i> biofilms
09:40 am	■ Robert Austin (Princeton, USA) Rapid divergent evolution of related bacterial strains under fluoroquinolone selection pressure
10:20 am COFFEE BREAK	
11:00 am	■ Erwin Frey / Heinrich Jung (München, Germany) On the role of demographic noise in growing bacterial populations
11:40 am	■ Jeff Gore (Cambridge, USA) Stochastic gene expression implements an evolutionarily stable mixed strategy in yeast
12:20 pm	Kirsten Jung: Closing remarks
12:30 pm LUNCH SNACKS and Departure	

