



Thursday, August 8th, 2019

08:00—09:00 **Breakfast**

09:00—10:00 **Zoran Nikolovski** (Golm)
Insights from integration of metabolomic data in large-scale plant metabolic models

10:00—10:30 **Uwe Ohler** (Berlin)
Computational genomic approaches

10:30—11:00 **Coffee Break**

11:00—11:30 **Timo Mühlhaus** (Kaiserslautern)
Conditional network reconstruction

11:30—12:00 **Edda Klipp** (Berlin)
Modelling of thermodynamic regulation of metabolism

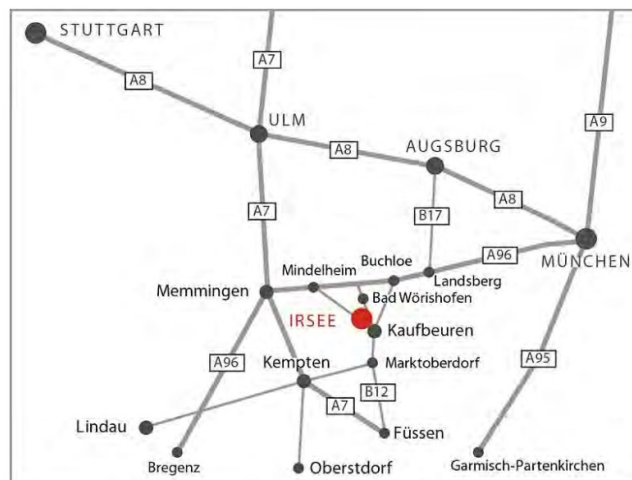
12:00—12:30 **Thomas Nägele** (München)
System dynamics of plant stress acclimation

12:30—13:30 **Lunch and departure**

How to get there:

By car:

From North as well as South take A7 Ulm – Kempten. In Memmingen take A96, direction Munich, exit Bad Wörishofen, direction Kaufbeuren



By train:

Take the train to Kaufbeuren. From there we organize a shuttle service or taxi, Tel. 08341-7000. Taxi Frank

Adresse: Kloster Irsee, Klosterring 4, 87660 Irsee

Tel. +49 (0) 8341 906 00, e-mail: hotel@kloster-irsee.de

Acclimation & Chloroplast Biology: from Genes to Systems



**August 4 - 8, 2019,
Kloster Irsee**



Sunday, August 4th, 2019

- 17:30 **Arrival**
 17:30 - 18:30 **Dinner**
 19:00 - 20:30 **Krishna Niyogi** (Berkeley)
 Regulatory switches for photosynthesis
Hanns-Henning Kunz (Washington State)
 Chloroplast ion homeostasis

Monday, August 5th, 2019

08:00 - 09:00 **Breakfast**
 09:00 - 10:00 **Ian Small** (Perth)
 An evolutionary perspective on GUN1
 10:00 - 10:30 **Kristina Kühn** (Halle)
 Chloroplast RNA polymerases
 10:30 - 11:00 **Coffee Break**
 11:00 - 11:30 **Christian Schmitz-Linneweber** (Berlin)
 CpRNP-based cold acclimation
 11:30 - 12:00 **Jörg Meurer** (München)
 Plastid RNA binding proteins
 12:00 - 12:30 **Hannes Ruwe** (Berlin)
 PPR proteins and environmental stimuli
 12:30 - 14:00 **Lunch**
 14:00 - 15:00 **Maureen Hanson** (Cornell)
 Probing plant Rubisco through *E. coli*
 expression
 15:00 - 15:30 **Reimo Zoschke** (Golm)
 Chloroplast translational regulation
 15:30 - 16:00 **Coffee break**
 16:00 - 16:30 **Felix Willmund** (Kaiserslautern)
 Chloroplast protein biogenesis
 16:30 - 17:00 **Jörg Nickelsen** (München)
 Gene expression and C-metabolism
 17:30 - 19:00 **Dinner**
 19:00 - 20:00 **Elizabeth Vierling** (Amherst)
 Organelle small heat shock proteins

Tuesday, August 6th, 2019

08:00 - 09:00 **Breakfast**
 09:00 - 10:00 **Sam Zeeman** (Zürich)
 A fresh look at starch biosynthesis
 10:00 - 10:30 **Peter Geigenberger** (München)
 The role of thioredoxins in plants
 10:30 - 11:00 **Coffee Break**
 11:00 - 11:30 **Ekkehard Neuhaus** (Kaiserslautern)
 Sugar metabolism in chloroplasts
 11:30 - 12:00 **Alistair Fernie** (Golm)
 Plants need their vitamins too
 12:00 - 12:30 **Belen Naranjo** (München)
pgr5 suppressor mutants
 12:30 - 14:00 **Lunch**
 14:00 - 14:30 **Mats Hansson** (Lund)
 Employing barley mutants to dissect a
 chlorophyll biosynthetic enzyme
 14:30 - 15:00 **Claire Remacle** (Liège)
 Chlamydomonas acetate assimilation under
 different growth conditions
 15:00 - 15:30 **Bettina Bölder** (München)
 Protein translocation into chloroplasts
 15:30 - 16:00 **Coffee Break**
 16:00 - 16:30 **Serena Schwenkert** (München)
 The missing link in jasmonate biosynthesis
 16:30 - 17:00 **Torsten Möhlmann** (Kaiserslautern)
 Pyrimidine salvage and
 photosynthesis
 17:00 - 19:00 **Cloister tour or brewery tour**
 19:30 - 21:30 **Barbecue**

Wednesday, August 7th, 2019

08:00 - 09:00 **Breakfast**
 09:00 - 10:00 **TAC Meetings**
 10:00 - 10:30 **Tatjana Kleine** (München)
 PP7L and abiotic stress tolerance
 10:30 - 11:00 **Coffee Break**
 11:00 - 11:30 **Michael Schroda** (Kaiserslautern)
 Chloroplast protein homeostasis
 11:30 - 12:00 **Wolfgang Frank** (München)
 Non-coding RNAs and plant acclimation
 12:00 - 12:30 **Kerstin Kaufmann** (Berlin)
 Linking development and environ-
 mental responses
 12:30 - 14:00 **Lunch**
 14:00 - 14:30 **Maria Mittag** (Jena)
 Shedding light on the functions of green
 algal cryptochromes
 14:30 - 15:00 **Paolo Trost** (Bologna)
 The crystal structure of
 phosphoribulokinase
 15:00 - 15:30 **Dario Leister** (München)
 GUN1: can and cannot
 15:30 - 16:00 **Coffee Break**
 16:00 - 16:30 **Andreas Richter** (Berlin)
 Flavonoid biosynthesis and plastid signals
 16:30 - 17:00 **Bernhard Grimm** (Berlin)
 Posttranslational control and retrograde
 signaling
 17:30 - 19:00 **Dinner**
 19:00 - 20:00 **Philip Wigge** (Berlin)
 Temperature sensing in plants