

St. Pölten, April 2009

Call for papers

60th Plant Breeders Conference in Gumpenstein, Austria

November 24-26, 2009

Dear colleagues!

The Austrian Seed Association will organize the 60th Plant Breeders Conference in Raumberg-Gumpenstein, Austria, in November 24 – 26, 2009

Topics:

1. **Breeding and genetic resources against abiotic stress**
2. **Marker assisted selection in practical breeding**
3. **Free topics**

1. Breeding and genetic resources against abiotic stress

Abiotic stresses have become an integral part of crop production limiting both yield and quality. Abiotic stresses are manifold, e.g. water stresses (drought and water logging), temperature stresses (heat and cold), oxidative stress and atmospheric stresses (air pollution, radiation), and represent grand challenges for plant breeding. Moreover, loss of soil fertility by soil degradation or nutrient depletion requires varieties with high nutrient efficiency in times of increasing prices of fertilizers. You are invited to submit a paper dealing with methods for evaluation, breeding strategies etc. in regard to abiotic stresses of crops.

2. Marker assisted selection in practical breeding

There exists a huge amount of scientific papers dealing with molecular markers. How much is this work transferred in practical plant breeding? Will marker assisted selection (MAS) play a significant and necessary role in securing the selection gain at reasonable costs in the near future? How can breeders with limited resources participate in the progress of research and technologies? Submissions from breeders, scientists and service companies dealing with the newest implementations in the field are appreciated.

3. Free topics

Traditionally the Gumpenstein Meeting welcomes lectures deviant from the conference's topics if these papers present new and interesting findings for the breeding community.

We invite you to submit your oral or poster contribution using the submission form

until **31st August 2009**

Alternatively you can submit your contribution online at:
www.saatgut-austria.at (follow the frame "Jahrestagung")

The official conference language is German, however we also welcome contributions in English. Usually oral presentations are limited to 15 – 25 minutes. Keynote lectures can be longer.

You will be informed by the organizers in September 2009, whether your contribution is accepted as oral presentation or as poster. We kindly request your understanding if your preferred way of presentation will not be feasible because of time constraints.

For posters we recommend the size DIN-A0.

The conference proceedings will be available early 2010. Therefore it is necessary that **we receive your manuscript at the latest during the meeting in electronic form** (e-mail, CD, ...). The manuscript should not exceed 6 pages for oral presentations and 3 pages for poster presentation. When you register a contribution, we will send you the instructions for the manuscript.

The conference fee is € 90,- for participants; € 70,- for members of *Saatgut-Austria*; and € 50,- for students (with a valid certificate only). The fee covers participation in the conference, coffee breaks, all documents (including proceedings) and the buffet at the conference dinner on November 24 (drinks are at your own expense). For speakers we waive the conference fee.

For participants travelling by train, a shuttle service from the station to the accommodation will be provided at your own cost.

Final registration for participation is possible from September 1 onwards with a separate registration form or online at www.saatgut-austria.at.

Please check regularly further online announcements in the "News" frame of our webpage (www.saatgut-austria.at).

For the
Austrian Seed Association

Ao.Univ.Prof. Dr. Heinrich Grausgruber
O.Univ.Prof. Dr. Peter Ruckenbauer

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