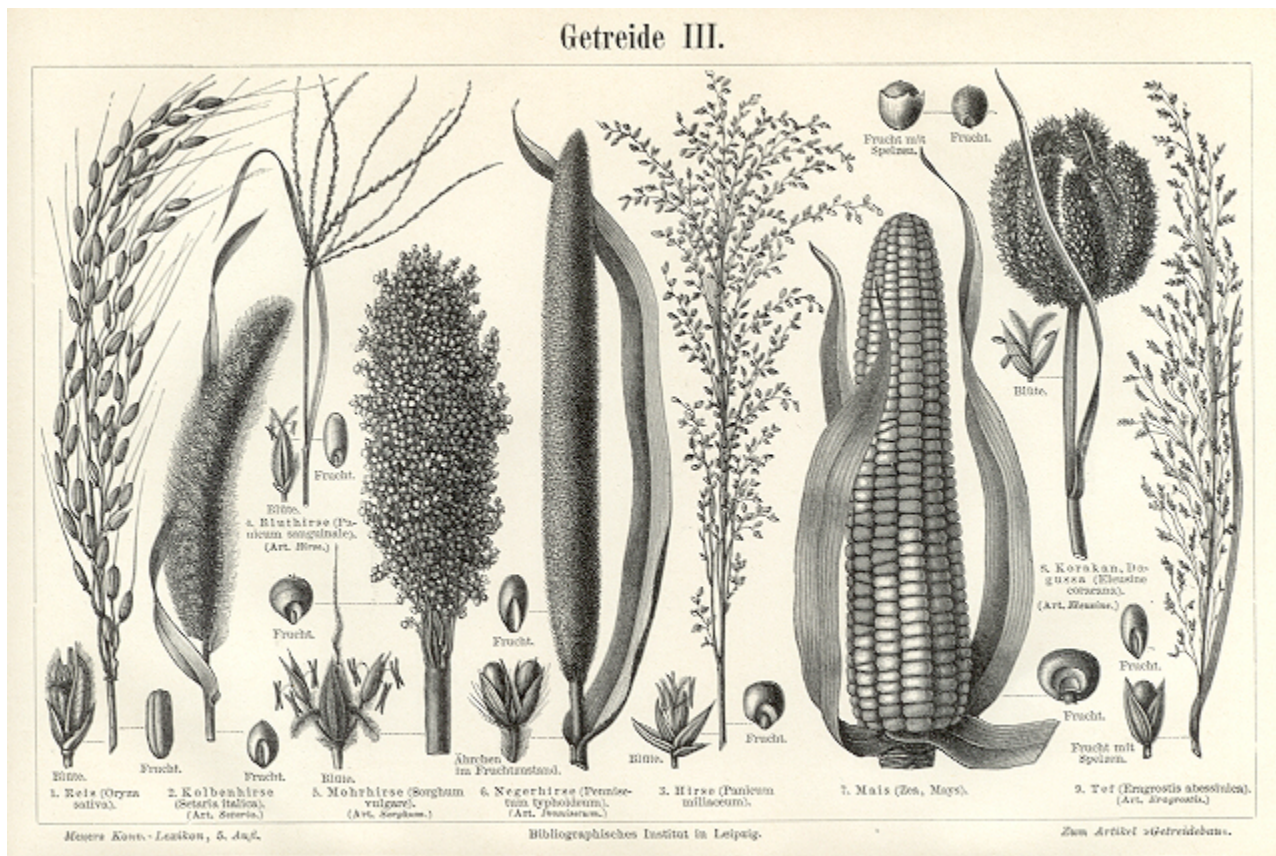


Swiss Interuniversity doctoral Course

University of Neuchatel

3 - 4 December 2009

Monocot Systems in Fundamental Plant Biology



Thursday 3 December

- 9:45** **Welcome**
- 10:00** **Maize Genomics.**
Dave Jackson, Cold Spring Harbor Laboratory, USA
- 11:15** **Challenges and rewards of research in the genetically complex crop plant wheat.**
Beat Keller, University of Zurich, Switzerland
- 12:30** **Lunch**
- 14:15** **Learning from oat (Avena).**
Anne Osbourn, John Innes Center, Great Britain
- 15:30** **General Discussion**
- 17:00** **Apéro**

Friday 4 December

- 9:00** **Rice: a model system for investigating cereal developmental processes and response to abiotic stresses.**
Emmanuel Guiderdoni, CIRAD, France
- 10:15** **Sequence and analysis of the *Brachypodium distachyon* genome.**
Michael Bevan, John Innes Center, Great Britain
- 11:30** ***Student presentations:***
11:30 - 11:50 **Characterization of the rice PHO1 gene family reveals a key role in Pi transport.**
David Secco, UniL
- 11:50 - 12:10** **Divergent transcriptional responses of rice root types to arbuscular mycorrhizal colonization.**
Caroline Gutjahr, UniL
- 12:10 - 12:30** **Strips, membranes and proteins: the Casparian world.**
Daniele Roppolo, UniL
- 12:30** **Lunch**
- 14:15** **Genomics-assisted improvement of yield stability in barley.**
Patrick Schweizer, Leibniz Institute of Plant Genetics and Crop Plant Research, Germany
- 15:30** **General Discussion**
- 17:00** **Departure**