



„Durable chemical and genetic control of plant diseases  
in the 21st century”

11-12th July 2016

**Technische Universität München, Wissenschaftszentrum Weihenstephan**

*Location:* Hans Eisenmann Zentrum für Agrarwissenschaft, Liesel-Beckmann Strasse 2, Room 83-84

**Monday 11/07**

12.30 Lunch – (Finger Food buffet)

13.50 – 14.00: Welcome

14.00 – 14.40: **James K.M. Brown** (John Innes Centre, Norwich, UK)  
*“Trade-offs in plant disease resistance and their implications for plant breeding.”*

14.40 – 15.20: **Chris-Carolin Schön** (TUM, Plant Breeding)  
*“Genome based prediction of disease and insect resistance in plants”*

15.20 – 15.40: **Pascal Braun** (TUM, Systems Biology)  
*“Complexity of host-pathogen interactions revealed by interactome network analysis”*

15.40 – 16.00: **Simon Krattinger** (University of Zürich, Switzerland)  
*“Durable disease resistance in cereals: rare gene variants of great agricultural importance”*

16.00 – 16.30: Coffee break

16.30 – 17.10: **Jérôme Enjalbert** (INRA Le Moulon, Orsay, France)  
*“Participatory breeding: decentralizing for better responsiveness”*

17.10 – 17.30: **Remco Stam** (TUM, Population Genetics)  
*“Using population genetics to study evolution of Resistance genes in wild tomato populations”*

17.30 – 18.00: **Ralph Hückelhoven** (TUM, Phytopathology)  
*“Loss of susceptibility vs. gain of resistance: two concepts of genetic plant protection”*

*Dinner: Bräustüberl Weihenstephan*

**Tuesday 12/07**

9.00 – 9.40: **Daniel Croll** (ETH Zürich, Switzerland)  
*“Using association mapping to link virulence and fungicide resistance evolution to genome evolution in fungal plant pathogens”*

9.40 – 10.00: **Michael Hess** (TUM, Phytopathology)  
*“Fieldcontrol of *Ramularia collo-cygni*: From an overlooked saprophyte to a major disease of barley”*

10.00 – 10.20: **Hind Sghyer** (TUM, Phytopathology)  
*“*Ramularia collo-cygni*, septoria of barley? Or new kid in the block?”*

10.20 – 10.40: **Benjamin Schwessinger** (ANU, Australia)  
*“Generating haplotype phased reference genomes for the dikaryotic wheat stripe rust fungus”*

10.40 – 11.10: Coffee break

11.10 – 11.30: **Mamadou MBoup** (DuPont de Nemours, France)  
*“Monitoring resistance to fungicides: example of *Sdhls*/barley Net Blotch”*

11.30 – 11.50: **Hans Hausladen** (TUM Phytopathology)  
*“Evidence of Strobilurinresistance in isolates of *Alternaria* spp.”*

11.50 – 12.20: **Aurélien Tellier** (TUM, Population Genetics)  
*“From coevolutionary dynamics to genomics and back: a tale of the Red Queen“*