

International Conference on "Selection Theory and Breeding Methodology"

March 23 - 24, 2017
Campus of the TUM School of Life Sciences Weihenstephan
Lecture Hall 17 / HS17

Thursday March 23, 2017

12:00	<i>Registration, Lunch</i>
13:00	Welcome and Introductory Comments – Chris Schön
Session Chair: Elisabetta Frascaroli and Hans-Peter Piepho	
13:30	Albrecht Melchinger – Universität Hohenheim Heterotic groups – an important concept in hybrid breeding
14:00	Susanne Groh – Pioneer Hi-Bred International Challenges in hybrid maize breeding
14:30	Peer Wilde – KWS Lochow Impact of genomic selection on breeding methodology in hybrid rye
15:00	Christina Lehermeier – Technische Universität München Genomic variance estimates and their usefulness in breeding
15:30	<i>Coffee break</i>
16:15	Jochen Reif – IPK Gatersleben Genome-based establishment of heterotic patterns for hybrid wheat breeding
16:45	Nicolas Heslot – Limagrain Optimal use of genomic prediction in wheat breeding
17:15	Ian Mackay – NIAB, Cambridge Learning from the past: using historical data to improve future decisions
Session Chair: Leo Dempfle	
17:45	Daniel Gianola – University of Wisconsin-Madison A brief history of statistical methods in animal breeding
19:00	<i>Conference dinner</i>

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Session Chair: Milena Ouzunova and Arthur Korte

09:00	Fred van Eeuwijk – Wageningen University Accounting for genotype x environment interaction in plant breeding programs
09:30	Vanessa Prigge – SaKa Pflanzenzucht Challenges in potato breeding
10:00	Jeff Endelman – University of Wisconsin-Madison Improving selection in potato breeding
<i>10:30</i>	<i>Coffee break</i>
11:15	Jean-Luc Jannink – Cornell University Signal from sequence: potential to aid prediction and purging in cassava
11:45	Alain Charcosset – INRA, Le Moulon Integration of genetic resources
<i>12:15</i>	<i>Lunch</i>

Session Chair: Bruce Walsh

13:30	William Hill – University of Edinburgh Influences on long term response
14:00	John Woolliams – University of Edinburgh Maximising gain, managing variation
14:30	Henner Simianer – Universität Göttingen A Markovian approach to model breeding programs
15:00	Mike Goddard – University of Melbourne Optimal structure of genetic improvement programs
15:30	Discussion
<i>16:00</i>	<i>End</i>