



1st International Brachypodium Conference
19 - 21 June 2013, Modena, Italy
University of Modena and Reggio Emilia - Complesso San Geminiano

Preliminary Programme

Conference Topics:

- S1. Brachypodium genome structure and evolution
- S2. New Brachypodium research tools
- S3. Insight into Brachypodium diversity
- S4. Adaptation of Brachypodium to abiotic constraints
- S5. Interactions between Brachypodium and pathogens
- S6. Brachypodium development and growth
- S7. Brachypodium as a model for biomass crops
- S8. Brachypodium as a tool for cereal crop improvement

Wednesday 19th June 2013

11:00 am - 7:00 pm Opening of Conference registration

S0 Welcome and opening session

01:00 pm Introductory Remarks

01:10 Welcome Addresses

01:20 Opening Lecture: **David F. Garvin** (USDA-ARS, USA)

S1 Brachypodium genome structure and evolution

Chairpersons: Robert Hasterok (University of Silesia, PL) and Enrico Tagliafico (University of Modena and Reggio Emilia, IT)

02:00 pm Invited Speaker: **Robert Hasterok** (University of Silesia, PL)

Title: **Brachypodium - a model genus to study grass genome structure, dynamics and evolution at the cytomolecular level.**

02:40 - 03:40 pm Contributed talks

03:40 pm Coffee Break

S2 New Brachypodium research tools

Chairpersons: Todd Mockler (Danforth Center, USA) and Philippe Vain (John Innes Centre, UK)

04:00 pm Invited Speaker: **John P. Vogel** (USDA-ARS, USA)

Title: **The genus Brachypodium as a tool to study perenniality and polyploidy.**

04:40 - 06:00 pm Contributed talks

06:00 pm Poster Session 1

Welcome Cocktail at Ferrari House Museum

Thursday 20th June 2013

S3 Insight into Brachypodium diversity

Chairpersons: John P. Vogel (USDA-ARS, USA) and Pilar Catalàn (University of Zaragoza, ES)

09:00 am Invited Speaker: **Sean Gordon** (USDA-ARS, USA)

Title: **Surveying Brachypodium diversity through deep sequencing and de-novo genome assembly**

09:40 - 11:00 am Contributed talks

11:00 am Coffee Break

S4 Adaptation of Brachypodium to abiotic constraints

Chairpersons: *M. Enrico Pé (Scuola Superiore Sant'Anna, IT) and Antonio J. Manzaneda (University of Jaén, ES)*

11:20 am Invited Speaker: **Thomas E. Juenger** (*University of Texas, USA*)

Title: **Genetic correlations in physiological and developmental responses of *Brachypodium* to multiple environments**

12:00 - 01:00 am Contributed talks

01:00 pm Buffet Lunch

S5 Interactions between Brachypodium and pathogens

Chairpersons: *David F. Garvin (USDA-ARS, USA) and Luis A.J. Mur (Aberystwyth University, UK)*

02:00 pm Invited Speaker: **Paul C. Nicholson** (*John Innes Centre, UK*)

Title: **Brachypodium: supermodel ?**

02:40 - 04:00 pm Contributed talks

04:00 pm Coffee Break

04:20 pm Poster Session 2

07:30 pm Dining cocktail in Modena City Centre

Friday 21st June, 2013

S6 Brachypodium development and growth

Chairpersons: *Michelle Watt (CSIRO Plant Industry, AUS) and Richard Sibout (INRA Centre de Recherche de Versailles-Grignon, F)*

09:00 am Invited Speaker: **Michelle Watt** (*CSIRO Plant Industry, AUS*)

Title: **Brachypodium: a functional and genomic model for wheat root architecture and rhizosphere interactions**

09:40 - 11:00 am Contributed talks

11:00 am Coffee Break

S7 Brachypodium as a model for biomass crops

Chairpersons: *Richard Sibout (INRA Centre de Recherche de Versailles-Grignon, F) and Soren K. Rasmussen (University of Copenhagen, DK)*

11:20 am Invited Speaker: **John C. Sedbrook** (*Illinois State University and GLBRC, USA*)

Title: **Engineering grasses with novel lignin and vegetative oils accumulation for improved biomass deconstruction and higher liquid fuel yields.**

12:00 - 01:00 pm Contributed talks

01:00 pm Buffet Lunch

S8 Brachypodium as a a tool for cereal crop improvement

Chairpersons: *Boulos A. Chalhoub (INRA Centre de Recherche de Versailles-Grignon, F) and Nicola Pecchioni (University of Modena and Reggio Emilia, IT)*

02:00 pm Invited Speaker: **Boulos A. Chalhoub** (*INRA Centre de Recherche de Versailles-Grignon, F*)

Title: **The cereal Brachypodium model in the era of comparative and translational genomics.**

02:40 - 04:00 pm Contributed talks

05:00 pm Closing Address: **Nicola Pecchioni** (*University of Modena and Reggio Emilia, IT*)