Reduced nitrogen fertilization effects on grain characteristics and end-use quality of eight durum wheat cultivars

Jean-Philippe Leygue, Delphine Audigeos, Carine André, Christophe Besombes, Philippe Braun, Denis Cassan, Antoine Chiron, Michaël Cochard, Jean-Claude Dusautoir, Jean-Paul Kessler, et al.

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15.15 Distribution, survival and growths rate of *Pyrenophora tritici repens*is on durum wheat under conservation agriculture and conventional tillage in Tunisia
Manel Othmeni, INAT, Tunisia

15.30-16.00 Coffee break

16.00 Reduced nitrogen fertilization effects on grain characteristics and end-use quality in eight durum wheat cultivars
Jean-Claude Dusautoir, INRA, France

16.15 The phenotypic architecture of tetraploid wheat (*Triticum turgidum* L.): Effects of domestication and post-domestication under contrasting nitrogen fertilisation
Tania Gioia, Institute of Biosciences and Geosciences, Germany

16.30 Comparative response of yield, yield components and physiological traits in durum wheat under contrasting water irrigation
Zoubeir Chamekh, INAT, Tunisia

16.45-17.00 Discussion

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**ROOM 2**

14.00-17.15 **SESSION 6.2**
**DURUM WHEAT “OMICS”**
Co-Chairs: Tziom Fahima & Anna Mastrangelo

14.00 New approaches to deal with complex genomes sequencing: the case of durum wheat
Sergio Lucretti, ENEA, Italy

14.20 Integrated durum breeding for water stress tolerance in Australia: The potential of miRNAomics
Jason Able, University of Adelaide, Australia

14.40 RNA sequencing in wild emmer and durum wheats in response to shock stress
Hikmet Budak, Sabanci University, Turkey

15.00 Sequence-based genetic map using durum wheat × wild emmer wheat population
Assaf Distelfeld, University of Tel Aviv, Israel