



## Expert Working Group on Durum Wheat Genomics and Breeding - Wheat Initiative

### 2<sup>nd</sup> Virtual Durum Meeting “Durum wheat phenotyping”

(November 30- December 1)

Chairs: dott. Luigi Cattivelli (CREA), prof. [Roberto Tuberosa](#) (UNIBO)

## PROGRAMMA

### November 30

#### Session 1 (15.00-17.00 CET)

- **Filippo Bassi** (ICARDA, Marocco). G + GxE vs. E: experience in phenotyping for stress tolerance.
- **Kerstin Neuman** (IPK-Gatersleben, Germany). Phenotypic evaluation of the drought response in bread and durum wheat employing non-invasive high-throughput phenotyping.
- **Steve Xue** (USDA). Function and evolution of allelic variation of *Sr13* conferring resistance to stem rust in tetraploid wheat.
- **Nicola Pecchioni, Pasquale De Vita** (CREA, Italy). Implementation of a phenotypic platform for durum wheat breeding.
- **Marco Maccaferri** (UNIBO, Italy). High-throughput field phenotyping of durum wheat for the QTLome dissection of drought-adaptive traits.

### December 1

#### Session 2 (15.00-17.00 CET)

- **Nicolas Zendonadi** (Julich, Germany). A noninvasive chlorophyll fluorescence-based approach for field high-throughput phenotyping of durum wheat photosynthetic traits under drought.
- **Viviana Equeñique** (CONICET, Argentina). Argentinean durum wheat: quality, yield and yield related traits.
- **Pablo Oliveira** (University of Minnesota, USA). Stem rust phenotyping in tetraploid wheats.
- **Francisco Pinto** (CIMMYT, Mexico). Sensor-based high-throughput phenotyping for wheat breeding and pre-breeding.
- **Giuseppe Sciara** (UNIBO, Italy). High-throughput phenotyping for the genetic dissection of root system architecture and canopy traits in durum wheat.