







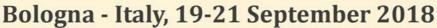


## **International Conference**

## FROM SEED TO PASTA III

A SUSTAINABLE DURUM WHEAT CHAIN FOR FOOD SECURITY AND HEALTHY LIVES





Conference Center Emilia Romagna Region Via della Fiera, 8 - Bologna

FSTP3

www.fromseedtopasta.com

## FROM SEED TO PASTA III

# A SUSTAINABLE DURUM WHEAT CHAIN FOR FOOD SECURITY AND HEALTHY LIVES

## **BOLOGNA - ITALY, 19-21 SEPTEMBER 2018**

CONFERENCE CENTER REGIONE EMILIA ROMAGNA

#### PRELIMINARY PROGRAM

### WEDNESDAY 19 SEPTEMBER 2018

08.00 - 09.00	Registration of participants
09.00	Opening session Welcome addresses by the organizers, national and local authorities
09.30	One century of durum wheat breeding: An Italian legacy Antonio Blanco (Italy)
10.00	An industrial perspective for a more sustainable and safer pasta production Luca Ruini (Italy)
10.30	Opening keynote Durum wheat genomics: From sequencing to breeding Curtis Pozniak (Canada)
11.00	Coffee break
11.30 - 13.30	Session 1. Leveraging the tetraploid wheat genomes
11.30	The wild emmer wheat genome Assaf Distelfeld (Israel)
11.50	The durum wheat genome Luigi Cattivelli (Italy)
12.10	Editing the wheat genome Eduard Akhunov (USA)
12.30	Rht18 Semi-dwarfism reveals a new height-reducing mechanism in wheat Wolfgang Spielmeyer (Australia)
12.50	Lunch

14.10 - 15.30	Session 2. Tetraploid wheat genetic resources for the improvement of durum and bread wheat
14.10	Signature of selection sweeps in the tetraploid wheat germplasm Marco Maccaferri (Italy)
14.30	Yr15 Gene (WTK1) encodes two kinase-like protein domains and confers broad-spectrum resistance to stripe rust Tzion Fahima (Israel)
14.50	Harnessing wild wheat alleles to enhance yield stability and productivity of modern wheat Yhoshua Saranga (Israel)
15.10	Characterization of Ethiopian genetic resources for durum wheat Enrico Pè (Italy)
15.30	Coffee break and Poster vision
16.30 - 18.30	Oral presentations selected from abstracts

## **THURSDAY 20 SEPTEMBER 2018**

08.30 - 11.00	Session 3. Enhancing yield potential and yield stability of durum wheat
08.30	Protecting yield loss through multi-pathogen resistance genes: Benefits to durum wheat? Evans Lagudah (Australia)
09.20	Stem rust resistance in durum, particularly on sources of resistance to $\it Ug99$ Yue Jin (USA)
09.40	Improvement for FHB resistance in US breeding programs Elias Elias (USA, invited)
10.00	Map-based cloning of FHB resistance QTL in durum wheat Agata Gadaleta (Italy)
10.20	<b>Transational genomics to enhance durum wheat resilience to abiotc stress</b> Jason Able (Australia, invited)
10.40	Genomic selection in durum wheat Jose Crossa (Mexico)
11.00	Coffee break and Poster vision
11.30 - 12.30	Session 4. Managing a sustainable durum production for food security
11.30	<b>Exploring G x E x M synergies to enhance durum wheat production</b> Brian Beres (Canada)
11.50	<b>Durum wheat nitrogen management: From monitoring to application and more</b> Josè Luis Araus (Spain)
12.10	A decision support system for durum wheat management Pierluigi Meriggi (Italy)
12.30 - 13.00	Oral presentations from abstracts
13.00	Lunch

#### 14.15 - 16.15 Session 5.

## A round table on durum wheat breeding to face climate change

Coordinated by Filippo Bassi (Morocco)

### Participants:

- Karim Ammar (Mexico)
- Filippo Bassi (Morocco)
- Pasquale De Vita (Italy)
- Ron Knox (Canada)
- Conxita Royo (Spain)
- Daria Scarano (Italy)

### 16.15 *Coffee break and poster vision*

### 17.00 - 18.30 Oral presentations from abstracts

## FRIDAY 21 SEPTEMBER 2018

08.30 - 10.30	Session 6. Enhancing durum quality and healthiness
8.30	Durum wheat quality improvement at CIMMYT Carlos Guzman Garcia (Mexico)
8.50	<b>RE-evolution of durum wheat by resorting the </b> <i>Hardness</i> <b> locus</b> Craig Morris (Canada)
09.10	Celiac disease, non-celiac wheat sensitivity Luud Gilissen (The Netherland)
09.30	Conventional and biotechnological approaches to improve durum healthiness Stefania Masci (Italy)
09.50	Bioactive compound in durum wheat Marina Carcea (Italy)
10.10	<b>Durum wheat products with improved quality and nutritional value</b> Marco Gobetti (Italy)
10.30	Coffee break and poster vision
11.30 - 13.00	Oral presentations selected from abstracts
13.00	Lunch
14.00 - 15.30	Session 7. From seed to pasta: An industrial round table on the innovation of durum wheat-pasta chain Coordinated by Roberto Ranieri (Italy) Participants to be announced
15.30 - 16.45	Session 8. Opportunities and perspectives in durum wheat research
	<b>Global vision of durum and bread wheat research perspectives</b> Peter Langridge (Wheat Initiative)
	Round table on the PRIMA project: What role and opportunities for the durum value chain in the Mediterranean Basin?  Coordinator and participants to be announced
16.45	Closing keynote A glimpse into the future of durum breeding Cristobal Uauy (UK)
17.15	Concluding remarks & closing of the conference