



We are pleased to announce the 3rd Joint workshop of the IMPRESA project

IMPROVING RESILIENCE TO ABIOTIC STRESSES IN DURUM WHEAT:

Enhancing knowledge by genetic, physiological and “omics” approaches and increasing Mediterranean germplasm biodiversity by crop wild relatives-based introgressions

“Facing abiotic stresses affecting durum wheat across the Mediterranean basin”

Scientific and technical research centre for arid regions Omar Bernaoui CRSTRA BISKRA (ALGERIA)

Biskra-Sétif, Algeria, May 30-June 2, 2023

The event will bring together academic scientists, researchers and students to share and discuss with a wider audience the current and emerging challenges (environmental stresses, reduction of arable land and water scarcity) that increasingly affect crop security in Mediterranean countries.

the event will be open to
public on May 31st, with the possibility to attend in person as well as online through the link

<https://meet.google.com/oap-xczg-nte>

The full program and updates can be found on the CRSTRA and IMPRESA websites:

<https://crstra.dz/>

<http://www.unitus.it/it/dipartimento/impresa>





IMPRESA - IMProving RESilience to Abiotic stresses in durum wheat:

Enhancing knowledge by genetic, physiological and “omics” approaches and increasing Mediterranean germplasm biodiversity by crop wild relatives-based introgressomics

**Scientific and technical research centre for arid regions
CRSTRA BISKRA (ALGERIA)**

Biskra-Sétif, Algeria, May 30-June 2, 2023

WORKSHOP AGENDA

May 30, 2023 (Afternoon)

Visit of El Kantara Oasis

May 31, 2023 (Workshop)

8.30-9.00	Registration	
9.00-9.30	Welcome address	
Director of CRSTRA		Dr. Kechebar
General director of DGRSDT		Dr. Bouhicha
9.30-9.50	Opening Session	
Prima Officer		Prof. Ali Rhouma (online)
9.50-11.00	Lectures	Speakers
IMPRESA - From objectives to achievements and legacy		Prof. Carla Ceoloni (online)
Conservation agriculture: Experience and outcomes (in French)		Mr. Boukhrif Rachid
	Discussion	
	Coffee break	
11.30- 13.00	Lectures	Speakers
Session 1: Field Trials		
The performance of IMPRESA durum wheat genotypes under two bioclimate stages in the Algerian environment: arid (Biskra) and semi aride (Sétif),.		Dr. Hanane Menasria
Summarized research findings in Turkish environments		Prof. Irfan Özberk
Irrigated vs. rainfed conditions: results from two-year experiment in Central Italy		Prof. Roberto Ruggeri (online)
	Discussion	
13.00-14.00	Lunch break	

14.00-15.30	Lectures	Speakers
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Session 1: Field Trials

IMPRESA plant material in the context of the Setifian DW breeding perspectives.

Prof. Amar Rouabhi ([online](#))

Discussion

Session 2: Controlled Environment

The response of chromosomally engineered durum wheat-*Thinopyrum* spp. recombinant lines to heat and water-deficit stresses.

Dr. Ljiljana Kuzmanović ([online](#))

The response to salt stress application of durum wheat-*Thinopyrum* spp. recombinant lines

Prof. Faiçal Brini ([online](#))

Effects of salt stress on cell cycle and epigenetic response of durum wheat-*Thinopyrum* spp. recombinant lines

Dr. Debora Giorgi ([online](#))

Discussion

15.30-15.50 Coffee break

15.50- 17.30 Lectures

Speakers

Session 3: “Omics” approaches

Integrated “omics” approaches for the identification of genes involved in abiotic stress tolerance

Dr. Ljiljana Kuzmanović ([online](#))

Sequencing of durum wheat-*Thinopyrum* spp. recombinant chromosomes: the latest results

Dr. Debora Giorgi ([online](#))

Discussion Closing Session

June 01, 2023

8.30-10.00 Visit of Outaya experimental station

10.30-13.00 IMPRESA – Internal project meeting: Discussion of final tasks of IMPRESA project and possible future developments

13.00-15.00 Lunch

15.00-16.30 Visit of CRSTRA Centre

Transfer from Biskra to Sétif

June 02, 2023

8.30-11:30

Visit Mr. Boukhelif Rachid’s farm (Beni Fouda)

13.30-15.00 Lunch

15.00-18.00 Visit of Sétif

June 03, 2023 Return