

An event by



4TH INTERNATIONAL WHEAT CONGRESS



Patrons



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



Accademia
Nazionale
di Agricoltura



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Associazione Nazionale
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Consiglio Nazionale
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Consiglio per la ricerca in agricoltura
e l'analisi dell'economia agraria



Associazione Industriali Mugnai d'Italia



PRE CONFERENCE WORKSHOPS

BOLOGNA - ITALY

Sunday, May 24, 2026

Bologna Congress Center,
Piazza della Costituzione, 4

Conference Chair

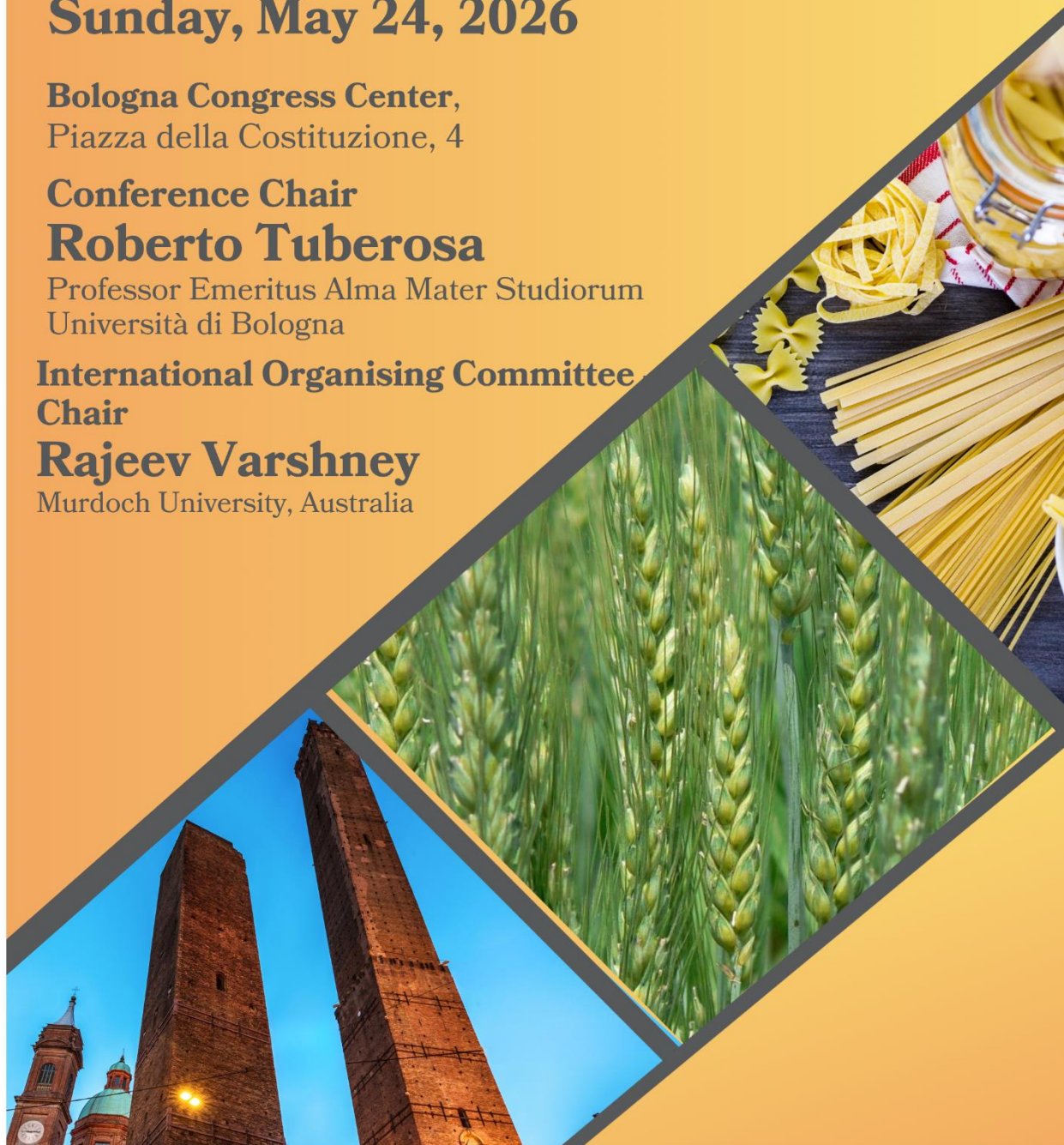
Roberto Tuberosa

Professor Emeritus Alma Mater Studiorum
Università di Bologna

International Organising Committee
Chair

Rajeev Varshney

Murdoch University, Australia



METHODS TO UNDERSTAND COMBINED ABIOTIC STRESSES

ROOM 8

09:00 - 12:30



Avenue media®
Conference & Expo



WWC 4TH INTERNATIONAL
WHEAT CONGRESS

BOLOGNA, ITALY - MAY 25-29, 2026

Pre-conference Workshops
Sunday, 24 May 2026

METHODS TO UNDERSTAND COMBINED ABIOTIC STRESSES

Organized by the Wheat Initiative AWAS EWG

Room 8

Chair: Laura Dixon (*IPK, Germany*)

- 09:00 – 09:15 **Introduction to AWAS and the workshop**
Laura Dixon – *Leibniz Institut für Pflanzengenetik und Kulturpflanzenforschung (IPK)*
- 09:15 – 09:45 **Scaling law links plant growth variation to grain yield in wheat stands**
Guy Golan - *The Robert H. Smith Faculty of Agriculture, Food & Environment, The Hebrew University of Jerusalem*
- 09:45 – 10:15 **Identification of molecular signals in response to temperature stress along floret development in bread wheat**
Yanjie Song - *University of Leeds, UK*
- 10:15 – 10:45 **Advancing the Potential for Above- and Below-ground Integrated Phenotyping, Physiology, and Modeling under Abiotic Stress through a Thermal Time Framework**
Matías Schierenbeck - *Leibniz-Institut für Pflanzengenetik und Kulturpflanzenforschung (IPK), Germany*



BOLOGNA, ITALY - MAY 25-29, 2026

10:45 – 11:15

Genomic prediction of stem structural biomass uncovers productivity trade-off under Mediterranean climate

Roi Ben David - *The Institute of Plant Sciences, Agriculture Research Organization (ARO) - Volcani Institute, Rishon LeZion, Israel*

11:15 – 11:45

Coffee break

11:45 – 12:30

Round table discussion

Understanding abiotic multistresses across developmen