

An event by



4TH INTERNATIONAL WHEAT CONGRESS



Patrons



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



Accademia
Nazionale
di Agricoltura



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PRE CONFERENCE WORKSHOPS BOLOGNA - ITALY Sunday, May 24, 2026

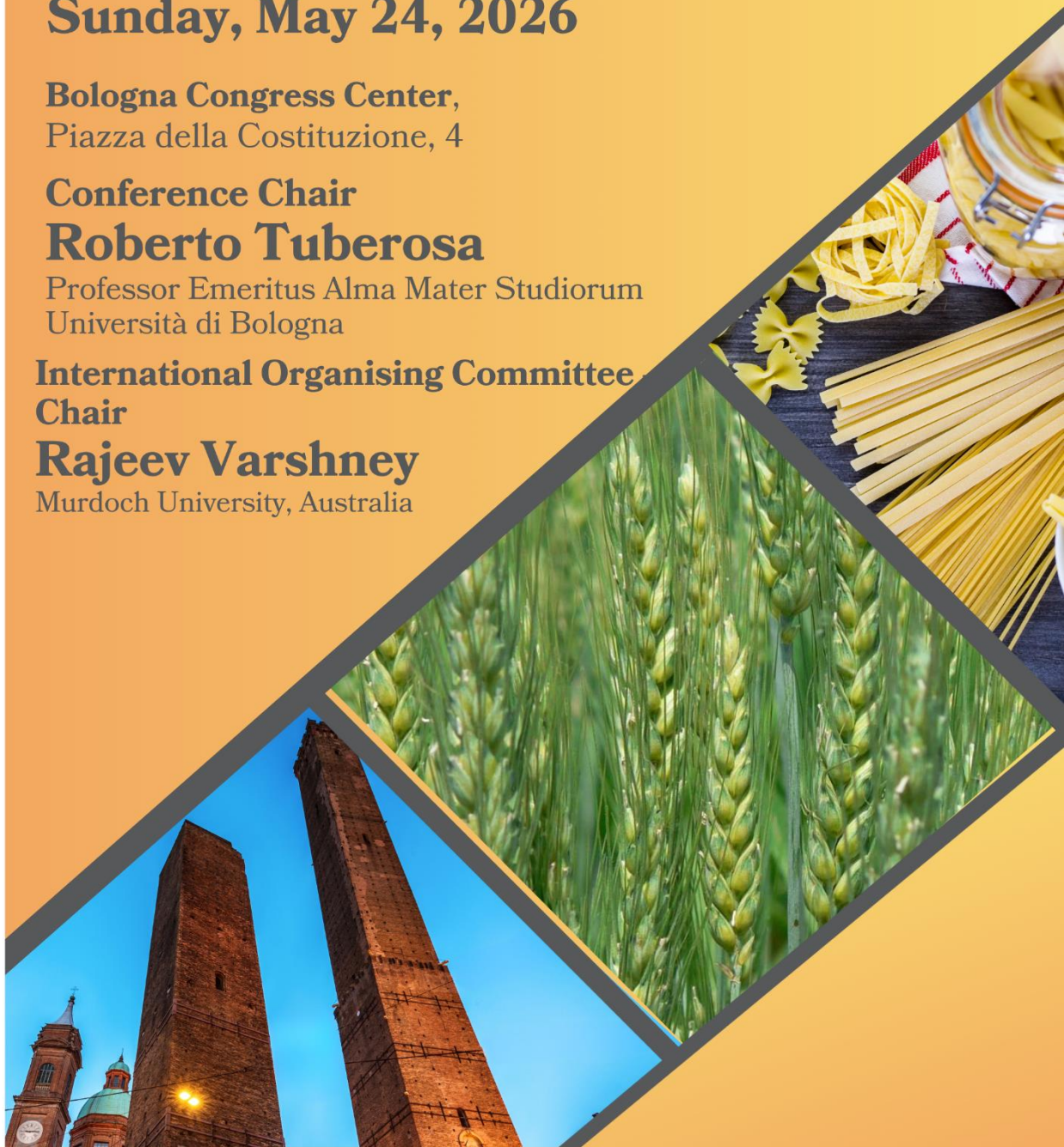
Bologna Congress Center,
Piazza della Costituzione, 4

Conference Chair
Roberto Tuberosa

Professor Emeritus Alma Mater Studiorum
Università di Bologna

International Organising Committee
Chair

Rajeev Varshney
Murdoch University, Australia



**HYBRID WHEAT: UNLOCKING HETEROISIS FOR THE NEXT
GENERATION OF BREEDING**

ROOM 4

13:30 - 15:30



Avenue media®
Conference & Expo



BOLOGNA, ITALY - MAY 25-29, 2026

Pre-conference Workshops
Sunday, 24 May 2026

**HYBRID WHEAT:
UNLOCKING HETEROISIS FOR THE NEXT GENERATION OF
BREEDING**

Organized by KWS

Room 4

Chair: Jacob Lage (KWS)

Co-chair: Jochen Christoph Reif (IPK)

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|---------------|---|
| 13:30 – 13:40 | Opening remarks and follow up since last Hybrid Workshop
Jacob Lage (KWS, France) |
| 13:40–14:00 | Cracking Heterosis: A fast one-dimensional scan to identify key QTLs in wheat
Guoliang Li (IPK, Germany) |
| 14:00–14:20 | Hybrid wheat vs. line breeding: What long-term selection gains tell us?
Daniel Tolhurst (The Roslin Institute, UK) |
| 14:20–14:40 | Major genes, major decisions: <i>Rht</i>, <i>Ppd</i>, <i>FT</i> and beyond in heterotic pool design
Simon Griffiths (John Innes Centre, UK) |



BOLOGNA, ITALY - MAY 25-29, 2026

14:40–15:00

Young investigator talk:

Rye as a teacher: Genetic basis and environmental plasticity of male reproductive traits - Implications for hybrid wheat breeding

Christina Wäsch (IPK, Germany)

15:00–15:20

A breeder's perspective on hybrid wheat adoption in Pakistan

Zulfiqar Ali (University of Faisalabad, Pakistan)

15:20–15:40

Closing remarks and open discussion

Jochen C. Reif (IPK, Germany)