

GATERSLEBEN LECTURE



Speaker: Prof. Dr. Alison R. Bentley
International Maize and Wheat
Improvement Center (CIMMYT),
Mexico



**Title: Breeding wheat for the world:
opportunities & challenges**

Time: Tuesday, October 25, 2022, 2 pm

Hybrid meeting: IPK, Lecture Hall **and** VCS Zoom

<https://ipk-gatersleben-de.zoom.us/j/64387287488?pwd=ekN5MzFUMEVjTVpOVUx0K2FzUWdvQT09>

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Abstract:

For over 50 years the Global Wheat Program at CIMMYT has developed and delivered improved wheat germplasm globally. The impacts of global breeding have been well documented and CIMMYT remains one of the largest providers of publicly available spring, durum, and winter wheat germplasm worldwide. Increasing climate threats, a requirement to reduce inputs, and the rapidly changing geo-political landscape all present significant challenges to the future of global wheat. At the same time there are also new opportunities to integrate tools and technologies and to work across disciplines to drive new potential. This talk will summarize recent work at CIMMYT to accelerate future wheat improvement, to build greater resilience and to respond to the multi-dimensional challenges facing global wheat and food system stability.

Short CV:

Alison Bentley is the Director of CIMMYT's Global Wheat Program, based in Mexico. Her research combines genetics and genomics to develop and deliver new tools and technology to improve plant breeding, crop production and adaptation to climate change. At CIMMYT, Alison leads a team of scientists using scientific approaches to develop improved wheat germplasm. This germplasm captures packages of traits providing productivity, resilience, and broad adaptation, supporting global wheat improvement and smallholder livelihoods. Prior to joining CIMMYT in November 2020, Alison worked in the UK focused on translation of fundamental scientific breakthroughs into tangible impacts for the agri-food sector. She has a doctorate in agricultural science and PhD in agriculture from The University of Sydney, Australia.

Prof. Dr. Nils Stein
(Organizer and Host)

Abhishek Gogna
(Chair)