

# INVITATION

## IAPN in Dialogue

### “Wheat for Food Security and Health: The World Needs More”

December 6, 2016

1:30 p.m. till 4 p.m.

University of Göttingen, Room L 01, Von-Siebold-Straße 8

#### Wheat for Food Security: Meeting the World's Demand



##### Dr. Hans-Joachim Braun

Wheat is a cornerstone for global food security as it provides 20% of all calories and protein. Over the next three decades global wheat production needs to increase by 50% mainly in developing countries to meet the demand of 9 billion people by 2050. The presentation will outline the challenges to meet this target, i.e. stagnating yield gains, impact of climate change, water shortage and new emerging diseases and discuss the options for wheat scientist and farmers to address these challenges.

Dr. Hans-Joachim Braun is Director of Global Wheat Program and CRP (CGIAR Research Program) WHEAT at CIMMYT (International Maize and Wheat Improvement Center), Texcoco, Mexico

#### Wheat for Health: Addressing Micronutrient Deficiency



##### Dr. Wolfgang H. Pfeiffer

More than 2 billion people suffer from micronutrient malnutrition ("Hidden Hunger"), mainly in countries in development. A major reason is the high consumption of cereal-based foods, dense in energy, but low in essential micronutrients, in particular Zinc, Iron and provitamin-A. This talk will focus on the efforts of the HarvestPlus International Biofortification Alliance to tackle this global public health problem by improving nutritional quality of wheat.

Dr. Wolfgang H. Pfeiffer is Global Director Product Development & Commercialization at HarvestPlus, c/o CIAT (International Centre for Tropical Agriculture), Cali, Colombia

## Panel Discussion

### The World Needs More – Fighting Hunger or Fighting Hidden Hunger?

Meeting the world's food demand and addressing micronutrient deficiency are two highly ambitious aims. How much can we achieve? What about priorities? Can we focus on both issues?

A panel discussion chaired by Prof. Dr. Klaus Dittert, IAPN, with:

**Dr. Hans-Joachim Braun**, CIMMYT, Texcoco, Mexico

**Dr. Wolfgang H. Pfeiffer**, HarvestPlus, CIAT, Cali, Colombia

**Prof. Dr. Ismail Cakmak**, Sabanci University, Istanbul, Turkey

The meeting will be held in English.

After the official program, you are invited to continue this dialogue at the IAPN greenhouse with some Santa Claus goodies like gingerbread, mulled wine and others.

## Registration

Please register to "IAPN in Dialogue" until 28 November 2016:

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Registration is required for organizational reasons.

The participation is free of charge.

## The IAPN

The Institute of Applied Plant Nutrition (IAPN) is a research and academic teaching cooperation of the University of Göttingen and K+S KALI GmbH, a company headquartered in Kassel, Germany. IAPN, founded in November 2010, has been set up as a center of competence on plant nutrition and fertilization issues, and contributes to sustainable agriculture worldwide. It serves as an intersection between science and industry by pooling existing knowledge, by closing knowledge gaps with its own research and by transferring new findings to agricultural practitioners. The IAPN is affiliated with the Division of Plant Nutrition and Crop Physiology at the Department of Crop Sciences of Göttingen University. More information on the IAPN: [www.iapn-goettingen.de](http://www.iapn-goettingen.de)