# iCROPM2016

## International Crop Modelling Symposium

### "Crop Modelling for Agriculture and Food Security under Global Change"

**15-17 March 2016, Berlin, Germany**

www.icropm2016.org

## General Programme (main sessions):

1. **Improvement of crop models and modelling approaches** – *Chair: S. Asseng (UF, US)*
2. **Linking crop models and genetics** – *Chair: G. Hammer (UQ, AU)*
3. **Crop modelling for risk/impact assessment** – *Chair: C. Nendel (ZALF, DE)*
4. **Expanding and supporting modelling activities** – *Chair: J. Olesen (UA, DK)*

## Rationale and aims:

Agriculture, global change and food security are closely interrelated and are of increasing concern to society. Plant production is the most important primary process to obtain biomass for use as food and feed. Efforts to understand plant production and impacts on food and feed supply under a changing environment increasingly rely on mathematical models and data to develop and improve them. Additional demands on crop modelling are posed by integrated assessment modelling of agricultural systems. While progress has been made in crop and grassland modelling particularly in recent years in larger international programs such as AgMIP, MACSUR and CCAFS, a number of challenges still remain. Therefore, the aims of the symposium are:

➢ **Review the recent advances in modelling crops and grasslands to support improved agricultural production and food security under global change**

➢ **Identify key challenges and the future role of crop modelling**

### Key Note Speakers:

**Andy Challinor** *(University of Leeds, UK)*

**Achim Dobermann** *(RRES, UK)*

**Graeme Hammer** *(University of Queensland, AUS)*

**James Jones** *(University of Florida, US)*

**Brian Keating** *(CSIRO, AUS)*

**Martin Kropff** *(Wageningen UR, NL / CIMMYT)*

**Serge Savary** *(INRA, FR)*

## Call for Papers

### Important Dates

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| Deadline for abstract submission | 30 Sep 2015 |
| Abstract acceptance | 15 Nov 2015 |
| Open Registration | 15 Aug 2015 |
| Early Bird registration ends | 15 Dec 2015 |
| Regular registration ends | 31 Jan 2016 |

### Symposium Organizers

**Frank Ewert** *(University of Bonn, DE)*

**Kenneth J. Boote** *(University of Florida, US)*

**Reimund P. Rötter** *(Luke, FI)*

**Peter Thorburn** *(CSIRO, AUS)*

**Claas Nendel** *(ZALF, DE) - local host*