

Objective and high-throughput phenotyping is the major bottleneck in plant breeding. **CROP.SENSE.net** is an innovative, interdisciplinary research network, with partners working together to non-destructively and quantitatively analyze and screen plant phenotypes throughout their lifecycles. The ultimate aim of the project is early, non-biased and faster assessment of traits in lab and field to enable greater efficiency in crop breeding and to optimize decision making in crop management.

The project is funded by the German Federal Ministry of Education and Research (BMBF) within the scope of the competitive grants program Networks of excellence in agricultural and nutrition research and from the European Union Funds for regional development.

European Plant Phenotyping Network (EPPN)

EPPN (<http://www.plant-phenotyping-network.eu>) is an EU funded research infrastructure project with 14 participants and the major goals:

- to integrate European plant phenotyping efforts
- to enable close interaction between users of phenotyping platforms and developers of phenotyping technology
- to develop sensor technology, define and promote good phenotyping practice and IT standards for plant phenotyping
- to enable access to major plant phenotyping facilities in Europe

The conference is jointly organized by the competence cluster

CROP.SENSE.net

and

European Plant Phenotyping Network (EPPN)

As a satellite meeting to
European Field Phenotyping Workshop
24.09. – 27.09.2014 in Copenhagen

The Conference fee is € 290,-- and includes meals, coffee breaks and conference dinner
The reduced conference fee for external PhD students is € 150,--

CROP.SENSE.net

INRES-Plant Nutrition
University of Bonn
Karlrobert-Kreiten-Str. 13
D 53115 Bonn
Germany

Phone: #49 228 732850

Fax: #49 228 732489

www.cropsense.com
cropsense@uni-bonn.de

EPPN

Roland Pieruschka

Phone: #49 2461 611784

www.plant-phenotyping-network.eu
r.pieruschka@fz-juelich.de



Plant Phenotyping: Concepts, Sensors and Applications

**International
CROP.SENSE.net Symposium
29.09 - 01.10.2014
Bonn, Germany**

Registration is open 22. May 2014
www.cropsense.uni-bonn.de



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Europäischer Fonds
für regionale Entwicklung



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Program



29.09.2014

- Infrastructure and Networks
- Measurement concepts
- Posters, drinks & snacks

30.09.2014

- Sensors
- Interpretation and handling of phenomic data
- Field trip
- Conference Dinner

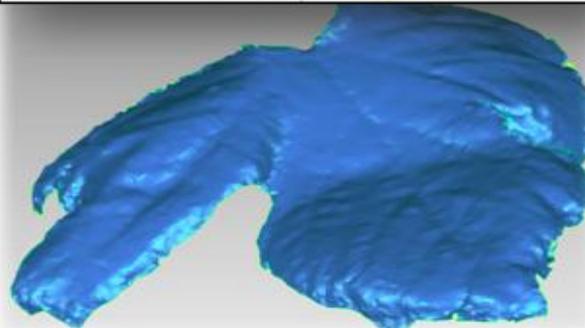
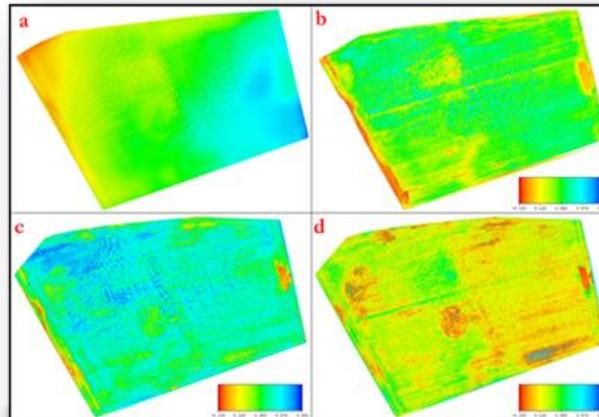
01.10.2014

- Phenotyping and Breeding
- Application for precision farming and crop management
- Closing session

Confirmed Keynote speakers

Nathalie Wuyts
Karin Köhl
Karin Holm-Müller
Bruce Grieve
Udo Seifert
Arno Ruckelshausen
Uli Schurr
Dani Zamir
Roberto Tuberosa
Rick van der Zedde
Christian Klukas

Confirmation of further speakers pending



Objectives of the symposium

The symposium provides excellent network opportunities for scientists working in the area of plant phenotyping in basic research, development and application approaches as well as for representatives of companies applying phenotyping technologies for breeding and crop management.

It is jointly organized by CROPSense.net and EPPN and forms the second part of a series of conferences, the first one taking place from Sept. 24 to 27 in Copenhagen, Denmark.

The second part of the symposium will be held in Bonn and is hosted by Germany's international public broadcaster Deutsche Welle in Bonn.

Bonn is nicely situated at the Rhine river surrounded by beautiful landscapes and a lively cultural life – worth a visit and an extended stay.