



INVITATION

BIG DATA FOOD AND AGRICULTURE

September 21, 2017 | 9:00-12:00 | Copenhagen (Frederiksberg), Denmark

World population is still growing and people are living longer. World demand for food rises sharply and current growth rates in agriculture are clearly insufficient. At the same time extreme climatic events, caused by climate change, give rise to severe damage on traditional agriculture.

An urgent and deep redesign of agriculture is thus crucial to increase output and reduce environmental impacts.

The purpose of this workshop is to show that, thanks to data science and ICT, a new generation of predictive and decision support tools should help improving farm production, while getting properly adapted to soils, climatic and agronomic constraints, and by considering the genetic specificities of plants and animals.

Presentations and roundtable discussion (moderator: **David B. Collinge, PLEN, UCPH**):

- **François Brun (ACTA, Toulouse)**: “Modelling, statistics and ICT for Agriculture: some examples for animal and plant production”
- **Pascal Neveu (INRA, Montpellier)**: “Semantics and Big Data structuration for data analytics”
- **Théo-Paul Haezebrouck (ACTA, Paris)**: “Digital: serving the agricultural sector”
- **Thomas Roitsch (PLEN, UCPH, Copenhagen)**: “The challenges of integration of multi-omics techniques and physiological phenotyping within a holistic phenomics approach to study model and crop plants”
- **Åsmund Rinnan (Food Science, UCPH, Copenhagen)**: “Making a sensible choice – Linear vs. non-linear mathematics”

PRACTICAL INFORMATION

Location: PLEN, University of Copenhagen, Auditorium A2-82.01 - Thorvaldsensvej 40, 1871 Frederiksberg C.

Registration: <http://bit.ly/2wkYeRC>. The participation is free, but registration is mandatory.

CONTACT

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