

Food and Digits

Data is much more than simply information: in expert hands, it is intelligence (CGIAR, 2016). Worldwide, data can be quickly generated, analyzed and used. Big datasets from multiple disciplines offer undreamed-of possibilities to find new ways of ensuring food security through innovative data-driven solutions. Experts think that the wise use of data will be one of the most important tools for achieving the United Nations' Sustainable Development Goals (UN SDGs).

The World Food Day Colloquium offers the platform to learn more about the digitalization with regard to global food security. The potential to innovate food security problems in developing countries is there but can big data and ICT revolutionize the fight against hunger and malnutrition? Consequences and impacts of digitalization on food security will be presented by international FSC partners. Moreover, the possibilities that the digitalization offer have the potential to increase opportunities for higher education institutions. Scientists from different disciplines of the University of Hohenheim are actively involved in big data approaches and will present their perspectives. Additionally, young scientists will give insights on their research in developing countries contributing towards the UN SDGs, in particular to zero hunger (SDG 2). The Colloquium will result in a panel discussion with experts on the question: Can digitalization feed the world?

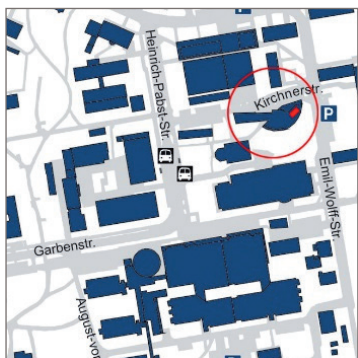
As a special highlight the "Justus von Liebig Award for World Nutrition 2017" will be granted by the Foundation fiat panis.

Venue

University of Hohenheim
Euro-Forum, Katharina Hall
Kirchnerstr. 3, 70593 Stuttgart



Directions



**Public transportation:
from the main station in
Stuttgart:**

- 1. Railway:**
Underground U7 / U15
until "Ruhbank (Fernsehturm)"
then
- 2. Bus:**
Bus 70 ("Plieningen Seemüh-
lenweg" until "Universität
Hohenheim").



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Please register online at:
www.foodsecurity.de

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World Food Day Colloquium

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Presentation of the Justus von Liebig Award
for World Nutrition by the Foundation fiat panis

Thursday, October 19th, 2017 | 09:00 - 16:30
Euroforum, University of Hohenheim, Stuttgart



www.foodsecurity.de

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08:00 - 09:00 Arrival & Registration Foyer

09:00 - 09:45 Opening Session Katharina Hall

*Moderation: Prof. Dr. Regina Birner**Vice-Managing Director, Hans-Ruthenberg-Institute, University of Hohenheim*

Welcome Address

*Prof. Dr. Ralf Vögele**Dean, Faculty of Agriculture, University of Hohenheim**Prof. Dr. Reiner Doluschitz**Director, Food Security Center (FSC), University of Hohenheim**Sherif Abdelrazek**Senior Desk Manager exceed, DAAD*

Global Hunger Index 2017

*Mathias Mogge**Executive Director Programmes, Deutsche Welthungerhilfe*

09:45 - 11:00 Key Session Katharina Hall

Food Security in the Digital Age:

What Role for the Private Sector?

*Alex Ruhunda**Member of the Parliament of Uganda and Managing Director of DAJ Communications (t.b.c.)*

Bytes for bites: emergence of information as key to sustainable, inclusive agri-food systems in low and middle income countries

*Dr. Gideon Kruseman**Ex-Ante & Foresight Lead, Big Data focal point - coordinator CoP socioeconomic data CGIAR Platform for Big data in Agriculture, International Maize and Wheat Improvement Center (CIMMYT), México*

11:00 - 11:30 Coffee Break Foyer

11:30 - 12:30 Award Ceremony Katharina Hall
by Foundation fiat panis

Justus von Liebig Award for World Nutrition 2017

Prof. Dr. med. Hans Konrad Biesalski

Laudation

*Dr. Hanns-Christoph Eiden**President, Federal Office for Agriculture and Food*

12:30 - 13:30 Lunch Break Foyer

13:30 - 13:50 Katharina Hall

Approaches of young scientists from FSC, University of Hohenheim and the Center for Development Research (ZEF), University of Bonn

*Mr. Thomas Daum, Germany, Mr. Md Fuad Hassan, Bangladesh, Mr. Tibebe Selassie Seyoum Keflie, Ethiopia, Mr. Tossapond Kewprasopsak, Thailand, Mr. Till Ludwig, Germany, Ms. Juliet Kamau Wajiku, Kenya,**Dr. Günther Manske**Coordinator Doc Program, ZEF, University of Bonn*

13:50 - 15:10 Katharina Hall

Brazilian Plant Genetic Resources and Food Security

*Prof. Miguel Pedro Guerra**Graduate Program of Plant Genetic Resources, Federal University of Santa Catarina, Brazil, and the Graduate Program in Plant Genetic Resources of the University Agostinho Neto, Angola*

SEARCA's Biotechnology Information Center

*Dr. Maria Monina Cecilia A. Villena**Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), Philippines*

Creating an enabling environment for digital innovation: Experiences from Kenya

*Dr. Heike Baumüller**Senior Researcher Department of Economic and Technological Change, Center for Development Research University of Bonn (ZEF)*

Thailand's Food Security and Digitalization: The Growing Interaction and Development

*Dr. Witsanu Attavanich**Assist. Professor, Deputy Director of Center for Applied Economics Research (CAER), Kasetsart University, Thailand*

Farming systems in the digital era – Will this affect food security?

*Prof. Dr. Thomas Berger**Land Use Economics in the Tropics and Subtropics (Josef G. Knoll Professorship), Hans-Ruthenberg-Institute, University of Hohenheim*

15:10 - 15:30 Coffee Break Foyer

15:30 - 16:20 Panel Katharina Hall

Can digitalization feed the world?

Chair: Prof. Dr. Regina Birner

Discussion with experts

*Gideon Kruseman**CIMMYT, Mexico**Prof. Miguel Pedro Guerra**Federal University of Santa Catarina, Brazil**Prof. Dr. Thilo Streck**Head of Biogeophysics, Institute of Soil Science and Land Evaluation, University of Hohenheim**Dr. Maria Monina Cecilia A. Villena**SEARCA, Philippines*

16:20 - 16:30 Closing Katharina Hall

*Dr. Andrea Fadani**CEO, Foundation fiat panis, Ulm*