



## Review Forum Food Net Center (FNC) Bonn

Responsibility in Food Production, Processing and Consumption



Thursday, 20<sup>th</sup> March 2014  
Bonner Universitätsforum  
Heussallee 18-24, D-53113 Bonn



## Contact

University of Bonn  
Faculty of Agriculture  
Preventive Health Management  
Prof. Dr. Brigitte Petersen  
Petra Heinrich  
Katzenburgweg 7-9  
D-53115 Bonn  
Tel.: +48 228 73 2059  
Fax: +49 228 73 6515  
E-Mail: p.heinrich@uni-bonn.de

## Organizer

Bonn International Center for Food Chain  
and Network Research (FNC)  
[www.foodnetcenter.uni-bonn.de](http://www.foodnetcenter.uni-bonn.de)  
Chair: Prof. Dr. Brigitte Petersen  
Vice Chair: Prof. Dr. Monika Hartmann  
Vice Chair: Prof. Dr. Gabriele Bierbaum



## Invitation

Dear Ladies and Gentlemen,

The 'Bonn International Center for Food Chain and Network Research' (FoodNetCenter Bonn, FNC) is the first trans-faculty center at the University of Bonn initiated and coordinated by scientists of the Agricultural Faculty. Since its foundation as a cross-faculty Network in 2006, FNC has activated external funds primarily provided through the EU Framework Programs for Research and Development to support young scientists and teams of scientists. Intra- and inter-university cooperation is a crucial success factor by grouping together the professional competences of different academic disciplines into one Alma Mater. Thus, the FNC is profiting from efficient communication channels and focusing on the integration of these intra-disciplinary networks into the respective socio-cultural and socio-political environments.

A particular strength of the FNC, while establishing and consolidating regional and especially European and global research networks, is the close collaboration with the international public-private-partnership platform GIQS e.V. and the regional cluster Bonn.realis e.V. (Bonn Research Alliance of Innovative Information Systems in International Quality Food Chain and Crisis Communication). Together, the three networks located in Bonn aim to support selected fields of research and to break new ground with an innovative and unique combination of subjects for a joint roadmap on the way to a European Knowledge and Innovation Community in Horizon 2020.

To improve, things have to undergo changes! The global dependencies and linkages in one of the biggest economic sectors are challenges for research and education cooperation. FNC has been prepared with efficient cooperation structures and a strong international orientation in the past. Therefore, we would like to invite you to the First FCN Review Forum "**Responsibility in food production, processing and consumption**" to discuss the Future Agenda of system innovation and sustainability in agrifood chains and action fields of joint research, education and innovation with research partners as well as opinion leaders in politics and society .

We look forward to seeing you on the 20<sup>th</sup> March 2014 in Bonn!

Prof. Dr. Brigitte Petersen

Prof. Dr. Monika Hartman

Prof. Dr. Gabriele Bierbaum



## Program

### 9:00 Registration

### 9:30 Welcome and Introduction

*Prof. Dr. Brigitte Petersen (FNC Chair)*

Food Net Center as the first initiative in the center policy of the agriculture faculty

*Prof. Dr. Peter Stehle (Dean of the Agricultural Faculty)*

### 10:00 Action Field – “One Health” – Responsibility of Public Private Partnership Networks

*Chair: Prof. Dr. Christian Borgemeister (ZEF, Center of Development Research)*

Dealing with drug-resistant pathogens in hospitalized patients

*PD Dr. Isabelle Bekeredjian-Ding*

Rapid identification of human and animal *Staphylococcus aureus* lineages by mass spectrometry

*Prof. Dr. Gabriele Bierbaum*

Transmission-pathways of multidrug-resistant pathogens in food chain

*Dr. Ricarda Schmithausen, Sophia Schulze-Geisthövel*

Experience in the EHEC crisis management from the perspective of science

*Prof. Dr. Martin Exner*

### 11:15 Coffee Break

### 11:30 Action Field 2 – Waste in Food Supply Chains

*Chair: Prof. Dr. Georg Noga (FNC Member)*

Food Waste in the hospitality sector

*Prof. Dr. Monika Hartmann*

Reduction of Food Waste in the Meat Sector by Smart Active Label

*PD Dr. Judith Kreyenschmidt, Dr. Yvonne Ilg*

Why consumers waste food

*Dr. Nina Langen*



**12:15 Action Field 3 – Innovation in interdisciplinary Food Research Networks**

*Chair: Prof. Dr. Karl Schellander (FNC Member)*

Challenges of Technology and Innovation Management across Agro Food Chains

*Prof. Dr. Stefanie Bröring*

SafetyCloud Approach

*Prof. Dr. Reinhard Klein, Bettina Hundt*

Provenance, Real-Time Analysis and Prediction for Monitoring Food Chains

*PD Dr. Andreas Behrend*

**13:00 Lunch**

**14:00 Panel Discussion – Establishing European Knowledge and Innovation Communities – Challenges in Research, Education and Business Innovation**

*Chair: Dr. Rainer Müssner (EU-Research programmes, ERC, EIT; BMBF)*

*Prof. Dr. Stefanie Bröring, Agribusiness Management*

*Prof. Dr. Martin Exner, Hygiene and Public Health*

*Dr. Susanne Lehnert, Member FoodDACH Education Group*

*Prof. Dr. Ute Nöthlings, Nutritional Epidemiology*

*Prof. Dr. Georg Noga, Horticultural Science*

*Prof. Dr. Brigitte Petersen (FNC Chair), Preventive Health Management*

**15:15 Farewell note**

*Prof. Dr. Monika Hartmann (FNC Vice Chair)*

**15:30 Formation and First Meeting of the new FNC Advisory Board**



## International Center for Food Chain and Network Research

[www.foodnetcenter.uni-bonn.de](http://www.foodnetcenter.uni-bonn.de)

### About us

The ‚Bonn International Center for Food Chain and Network Research‘ (FoodNetCenter Bonn, FNC) is the first trans-faculty center at the University of Bonn and has the following members:

#### Faculty of Agriculture:

- Dean Prof. Dr. Peter Stehle, Institute of Nutritional and Food Sciences (IEL), Nutritional Physiology
- Prof. Dr. Ute Nöthlings, Institute of Nutritional and Food Sciences (IEL), Nutritional Epidemiology
- Prof. Georg Noga, Institute of Crop Science and Resource Conservation (INRES)
- Dr. Michaela Schmitz-Eiberger, Institute of Crop Science and Resource Conservation (INRES)
- Prof. Dr. Ralf Pude, Institute of Crop Science and Resource Conservation (INRES), Renewable Resources
- Prof. Dr. Karl Schellander, Institute of Animal Science (ITW), Animal Breeding and Husbandry
- Prof. Dr. Brigitte Petersen, Institute of Animal Science (ITW), Preventive Health Management
- PD Dr. Judith Kreyenschmidt, Institute of Animal Science (ITW), Cold Chain Management
- Prof. Dr. Rainer Stamminger, Institute of Agricultural Engineering (ILT), Household and Appliance Technology
- Prof. Dr. Gerhard Schiefer, Institute for Food and Resource Economics (ILR), Agribusiness Management
- Prof. Dr. Stefanie Bröring, Institute for Food and Resource Economics (ILR), Agribusiness Management
- Prof. Dr. Monika Hartmann, Institute for Food and Resource Economics (ILR), Agricultural and Food Market Research
- Dr. Nina Langen, Agricultural and Food Market Research, Institute for Food and Resource Economics (ILR), Agricultural and Food Market Research

#### Faculty of Mathematics and Natural Science:

- Prorector Prof. Dr. Armin Cremers, Institute of Computer Science III
- Prof. Dr. Reinhard Klein, Institute of Computer Science II, Computer Graphics
- Prof. Dr. Jürgen Pohl, Department of Geography, Social Geography

#### Faculty of Medicine:

- Prof. Dr. Gabriele Bierbaum, Institute of Medical Microbiology, Immunology and Parasitology (IMMIP)
- PD Dr. Isabelle Bekeredjian-Ding, Institute of Medical Microbiology, Immunology and Parasitology (IMMIP)
- Prof. Dr. Martin Exner, Institute of Hygiene and Public Health (IHPH)



## Why FNC

Fundamental changes are emerging in the organization of regional, national and international food chains and networks. The global dependencies and linkages in one of the biggest economic sectors with its importance for basic human needs and its basis in the most diverse cultural, social, economic, legal, and natural environments are a challenge for research and research cooperation. To meet the diverse challenges that confront these chains and networks the classical single focused research approach is no longer adequate. A multi-disciplinary approach, encompassing side by side economical, social and legal disciplines as well as technological, environmental and natural sciences is required. The Bonn International Center for Food Chain and Network Research (FoodNetCenter Bonn) provides with both research and educational programs, and a close co-operation with businesses a multidisciplinary platform to investigate challenges in the areas of e.g. food safety, food security, food affordability, new technologies (genetic modifications, nano-technology), market access, global logistics, dependencies and cooperation between multi-nationals and small-scale producers, private and public standards and sustainability.

## Mission and Vision

The mission of the network is to promote chain and network research and to become an internationally acknowledged center of excellence, by establishing a world-wide infrastructure for exchanging, developing and disseminating knowledge and by supporting public private project development in the field of food chains and networks.

To achieve its mission, the FNC will:

- promote multi-disciplinary chain and network research nationally as well as internationally,
- enhance the international position and role of Bonn university in chain and network research and play a key role in strategy formulation and setting of research agendas on food chains and networks,
- strengthen the existing scientific community at Bonn university in the area of chain and network research and add value to ongoing research and education by enabling scientists to work with colleagues from other groups and other disciplines,
- facilitate and support public private partnerships in food chain and network research projects and provide a research communication platform for national and international businesses, organizations, and public institutions.

Since 2012 the FNC is grounding member of the regional cluster **Bonn.realis e.V.** (Bonn Research Alliance of Innovative Information Systems in International Quality Food Chain and Crisis Communication) and of **FoodDACH**, an association of leading partners of excellence in Germany (D), Austria (A) and Switzerland's (CH) food and nutrition sector linking the region's education, research, and industry in a network created for catalysing innovation and entrepreneurship.



## Venue

Bonner Universitätsforum  
Heussallee 18-24, D-53113 Bonn

