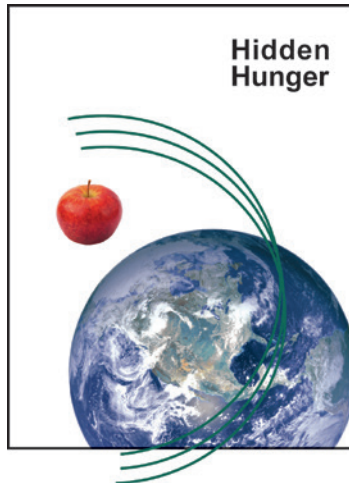


UNIVERSITY OF HOHENHEIM



Institute of Biological Chemistry and Nutrition



2nd International Congress

Hidden Hunger

Childhood Development and
Long-term Prospects for Society and Economy

March 3-6, 2015

University of Hohenheim
Stuttgart, Germany



The 2nd International Congress Hidden Hunger is organized by the **Food Security Center (FSC)** and the **Institute of Biological Chemistry and Nutrition** of the University of Hohenheim in cooperation with the **German Society of Pediatrics and Adolescent Medicine (DGKJ)** and the **Society of Nutrition and Food Science (SNFS)**.

Congress Chair

Hans K. Biesalski, Institute of Biological Chemistry and Nutrition/Food Security Center (FSC), University of Hohenheim

Congress Secretaries

Donatus Nohr, Institute of Biological Chemistry and Nutrition, University of Hohenheim

Jana Tinz, Institute of Biological Chemistry and Nutrition/Food Security Center (FSC), University of Hohenheim

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Congress Venue (March 3 until March 5, 2015)

Mövenpick Hotel Stuttgart Airport & Messe
Flughafenstrasse 50, 70629 Stuttgart, Germany
Phone: +49 (0)711 553440, Fax: +49 (0)711 55344 9000
Email: hotel.stuttgart.airport@moevenpick.com
www.moevenpick-hotels.com/stuttgart-airport

Congress Venue (March 6, 2015)

University of Hohenheim, Euroforum, Kirchnerstrasse 3, 70593 Stuttgart, Germany

Congress Venue (Evening of March 3, 2015)

University of Hohenheim, Mensa, Garbenstrasse 29, 70593 Stuttgart, Germany

Congress Venues (Science and Society Sessions of the Schering Stiftung)

- 1.) Mövenpick Hotel Stuttgart Airport & Messe (see above)
- 2.) University of Hohenheim, Euroforum (see above)
- 3.) Theater Rampe, Filderstrasse 47, 70180 Stuttgart, Germany

Participant Registration

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Email: info@kukm.de
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2ND INTERNATIONAL CONGRESS HIDDEN HUNGER – CHILDHOOD DEVELOPMENT AND LONG-TERM PROSPECTS FOR SOCIETY AND ECONOMY

MARCH 3-6, 2015

STUTTGART, GERMANY

Welcome to the 2nd International Congress Hidden Hunger!

The 2nd International Congress Hidden Hunger is a global meeting of scientists, field workers, members of NGOs and representatives from the government, public, private and civil sector. It will focus on causes and consequences of hidden hunger during early development as well as on counter-strategies.

Topics will include:

- 1.) Impact of malnutrition on intrauterine development and its consequences on long-term health.
- 2.) Impact of hidden hunger on physical and cognitive development.
- 3.) Consequences of hidden hunger for future society and economy.
- 4.) Early detection of hidden hunger and options to intervene before and during pregnancy, lactation, complementary feeding, weaning and post-weaning period.

A panel discussion with participants from high- and low-income countries will focus on the links and gaps between science and reality in all parts of the world. The conference will also bring together various disciplines to discuss hidden hunger under the perspectives of nutrition, gynecology/obstetrics, pediatrics from neonatology to adolescent medicine, social sciences, politics, economics, and agricultural sciences.

www.hiddenhunger.uni-hohenheim.de



Source: UN Photo, Shima Roy

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CHAIR'S MESSAGE



In many places around the globe, but primarily in low-income countries, an inadequate supply of micronutrients – in particular vitamin A, iron, zinc and iodine – with or without an adequate energy supply is a part of everyday life. It is defined as “hidden hunger”. This means chronic malnutrition, which – including its potentially negative consequences on long-term health – is typically overlooked because of the late manifestation of visible clinical symptoms. Hidden hunger affects human health long before malnutrition becomes obvious.

Poverty and poor education, in particular a lack of knowledge about adequate food intake during pregnancy, lactation and the complementary feeding period, are factors increasing the risk of hidden hunger. Herewith, hidden hunger is not only a problem of low-income countries, but of high-income countries, too. In both groups of countries, the number of children living under poverty conditions and suffering from food insecurity is constantly rising. Recent studies have revealed a clear effect of one's socioeconomic status on the brain and subsequent cognitive development in children. Some of the micronutrients involved in brain development play an important role in hidden hunger worldwide. Deficits of these micronutrients may negatively impact the future of affected children, while reducing their physical and mental capacity for escaping poverty.

Chronic malnutrition is at the core of the global hunger challenge facing science, politics and economics. As poverty is the main reason for hidden hunger, addressing this dire challenge requires long-term policies. Sustainable solutions by investments in agriculture and small-scale farming, amongst others, are required and the global challenge hidden hunger urgently calls for action in low- and high-income countries.

As one part of a “call for action”, the International Congress Series Hidden Hunger was launched. It started successfully in 2013 with the 1st International Congress Hidden Hunger with the title „From Assessment to Solutions“. Now, I am looking forward to the 2nd International Congress hidden hunger, which is organized in cooperation with the German Society of Pediatrics and Adolescent Medicine (DGKJ e.V.) and the Society of Nutrition and Food Science (SNFS). It will focus on the causes and consequences of hidden hunger during deve-

lopment as well as on counter-strategies. Worldwide, over one third of deaths among children under five years old are associated with malnutrition. However, adequate nutrition is a prerequisite for healthy growth and development, not only with respect to its quantity, but also its quality, which is defined by its micronutrient density. This issue is particularly important from conception to nearly the end of the second year of life – the first 1000 days of life. This so-called 1000-day-window is a highly vulnerable period for physical, motor and cognitive development, particularly susceptible to an inadequate supply of micronutrients. As a consequence of micronutrient deficiency and malnutrition, physical and cognitive development is impaired – a condition called “stunting”. Around 170 million children under the age of five years old are stunted worldwide. It is unacceptable that in different countries of Africa and Asia up to 50% of the children suffer from stunting. These children are the human capital for the future of these countries. The critical problem of hidden hunger during the 1000-day-window and its consequences for society and its economy must receive awareness and be brought to the attention of politicians, the media and the general public.

The Congress Hidden Hunger 2015 will bring together various disciplines from high- and low-income countries to focus on the links and gaps between science and reality in all parts of the world as well as to discuss hidden hunger under the perspectives of nutrition, gynecology/obstetrics, pediatrics from neonatology to adolescent medicine, social sciences, politics, economics, and agricultural sciences.

Please come and join us in March 2015 to help make it a success and contribute to the attainment of its objectives by your presence and participation in discussions and scientific exchange. We would be delighted to welcome you in Stuttgart and I would like to thank everyone who has already contributed as well as everyone who will contribute to make this event successful.

A handwritten signature in black ink, appearing to read 'H. Biesalski'.

Hans K. Biesalski
Director, Institute of Biological Chemistry and Nutrition and Food Security Center (FSC),
University of Hohenheim, Germany

TUESDAY, MARCH 3, 2015 – PROGRAM

12:00-12:15 pm	Welcome address	
12:15-02:50 pm	TOPIC 1: STATE OF THE ART: MALNUTRITION IN HIGH-INCOME COUNTRIES – WHAT IS THE EVIDENCE?	
Chair: Jan Frank, Hans K. Biesalski		Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
12:15-12:40 pm	Sabine Pfeiffer: Hidden and neglected: Food poverty in the global North – the case of Germany	
12:40-01:05 pm	Mathilde Kersting: "Critical" dietary habits in early childhood – principles and practice	
01:05-01:30 pm	Nicole Darmon: Food price policies improve diet quality while increasing socioeconomic inequalities in nutrition	
01:30-01:55 pm	David Collison: Income inequality and child mortality in wealthy nations	
01:55-02:20 pm	Craig Gundersen: Effective paths to reducing food insecurity in the United States: Potential implications for Europe	
02:20-02:35 pm	T. T. Asayehu: The dietary behavior, food and nutrient intakes of women of the rural community of Butajira, Southern Ethiopia do not change following pregnancy	
02:35-02:50 pm	O. Ijarotimi: Influence of energy, protein and mineral intake on anthropometric measurements and intelligence quotient of male and female adolescents in Nigeria	
02:50-03:20 pm	COFFEE BREAK	
03:20-05:50 pm	TOPIC 2: MICRONUTRIENT DEFICIENCIES WITHIN THE 1000-DAY-WINDOW IN HIGH-INCOME COUNTRIES	
Chair: Jörg Dötsch		Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
03:20-03:45 pm	Berthold V. Koletzko: Role of omega-3-fatty acids for pre- and postnatal development and long-term health	
03:45-04:10 pm	Ludwig Gortner: Nutrition and lung development	
04:10-04:35 pm	Michael B. Zimmermann: Supplying adequate iodine to the first "1000 days": Iodized salt, iodine supplements and micronutrient powders	
04:35-05:00 pm	Usha Ramakrishnan: Effect of women's nutrition before and during early pregnancy on maternal and infant outcomes: A systematic review	
05:00-05:25 pm	Wolfgang Bernhard: Choline and essential fatty acid metabolism during fetal development and in preterm infants	
05:25-05:50 pm	H. Tanju Besler: Turkey Nutrition And Health Survey (TNHS)-2010: The prevalence of underweight, overweight, obesity, and the mean daily intakes of vitamins and minerals among 19-64 years old in urban and rural locations in Turkey	
05:50-06:30 pm	BREAK & CHANGE OF LOCATION	
06:30-11:00 pm	Come together	Venue: University of Hohenheim, Mensa
Whole Day	SCIENCE MEETS CULTURE – Science and Society Session of the Schering Stiftung: PUBLISHING HUNGER (see pages 22 and 23)	

PARALLEL SYMPOSIUM:

01:00-04:50 pm	TOPIC 3: NUTRITION TRANSITION AND NUTRITIONAL DEFICIENCIES IN LOW-INCOME COUNTRIES	
Chair: Michael B. Krawinkel		Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Sion
01:00-01:20 pm	Michael B. Krawinkel: Introduction of topic and speakers	
01:20-01:50 pm	Gudrun B. Keding: Nutrition transition in rural Tanzania	
01:50-02:20 pm	Lydia M. Waswa: Maternal diets in Western Kenya	
02:20-02:50 pm	Judith Kuchenbecker: Maternal nutrition in rural Malawi	
02:50-03:20 pm	COFFEE BREAK	
03:20-03:50 pm	Irmgard Jordan: Maternal nutrition in rural Cambodia	
03:50-04:20 pm	Katja Kehlenbeck: Food trees as source for micronutrients	
04:20-04:50 pm	Veronika Scherbaum: The role of breastfeeding on the prevention of child malnutrition	
04:50-05:50 pm	PANEL AND PLENARY DISCUSSION: HOW TO ADDRESS NUTRITION TRANSITION AND MICRONUTRIENT DEFICIENCIES TOGETHER?	
05:50-06:30 pm	BREAK & CHANGE OF LOCATION	
06:30-11:00 pm	Come together	Venue: University of Hohenheim, Mensa
Whole Day	SCIENCE MEETS CULTURE – Science and Society Session of the Schering Stiftung: PUBLISHING HUNGER (see pages 22 and 23)	

WEDNESDAY, MARCH 4, 2015 – PROGRAM

08:15-09:30 am **OPENING**

Chair: Hans K. Biesalski Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich

08:15-09:00 am Opening ceremony

09:00-09:30 am Joachim von Braun: Opening lecture: Overcoming hidden hunger in children's first 1000 days: Political economy and research directions

09:30-11:45 am **TOPIC 4: REASONS FOR HIDDEN HUNGER**

Chair: Reiner Doluschitz Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich

09:30-09:55 am Manfred Zeller: Impacts of agriculture on nutrition

09:55-10:20 am Robert E. Black: Maternal and child undernutrition and overweight in low- and middle-income countries

10:20-10:50 am **COFFEE BREAK**

10:50-11:15 am Adam Drewnowski: How to measure food insecurity?

11:15-11:30 am T. Chagomoka: Women dietary diversity scores and anthropometric measurements as indices of nutrition security along the urban – rural continuum in Northern Ghana

11:30-11:45 am R. Kelemework: Child malnutrition in conflict and drought prone regions of Northern Ethiopia: attitudes, perceptions and practices

11:45-12:45 pm **LUNCH BREAK + PRESS CONFERENCE** Room: Sion

12:45-02:55 pm **TOPIC 5: CONSEQUENCES OF HIDDEN HUNGER** **Session 1: Fetal malnutrition and impact on health (Dörner Hypothesis)**

Chair: Michael B. Zimmermann Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich

12:45-01:10 pm Jörg Dötsch: Perinatal nutrition and metabolic programming

01:10-01:35 pm Angelica Dessì: Metabolomics and fetal-neonatal nutrition: Between "not enough" and "too much"

01:35-02:00 pm Keith P. West: Vitamin A deficiency early in life: Extent and consequences during the first 1000 days and beyond

02:00-02:25 pm Betsy Lozoff: Effects of iron deficiency during pregnancy, infancy, and early childhood on long-term outcome

02:25-02:40 pm M. Das: Role of unit values based on rural-urban price differentials on dietary diversity and hidden hunger: Conditional and unconditional quantile regression analysis for India

02:40-02:55 pm R. Salam: Effectiveness of micronutrient powders in women and children: A systematic review

02:55-03:25 pm **COFFEE BREAK**

03:25-05:10 pm **TOPIC 5: CONSEQUENCES OF HIDDEN HUNGER** **Session 2: Nutrition and brain development**

Chair: Berthold V. Koletzko Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich

03:25-03:50 pm Peter J. McCaffery: A vitamin for the brain

03:50-04:15 pm Michael B. Zimmermann: Importance of iodine for the brain development

04:15-04:40 pm Rodney W. Johnson: Brain and cognitive development in a low iron environment

04:40-04:55 pm W. Amenu: Progresses made towards tackling the major hidden hunger in Ethiopia and the way forward

04:55-05:10 pm A. Atero Atwaru: African indigenous leafy vegetables as a potential source of β -carotene for under five year old children

05:10-05:40 pm **COFFEE BREAK**

05:40-06:50 pm **TOPIC 6: INTERVENTIONS TO IMPROVE NUTRITION SECURITY** **Session 2: Nutrition – Part 1**

Chair: Michael B. Krawinkel Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich

05:40-06:05 pm Lindsay Allen: Micronutrient research, programs, and policy: What are the information gaps and how can we fill them

06:05-06:20 pm Hanns-Christoph Eiden: ICN2 (International Conference on Nutrition 2) seen by the Member States

06:20-06:35 pm Leslie Amoroso: Second International Conference on Nutrition (ICN2) – Implications for hidden hunger

06:35-07:35 pm **PANEL DISCUSSION: ICN2 – MESSAGES AND CHALLENGES**

Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich

Whole Day **SCIENCE MEETS CULTURE**
Science and Society Session of the Schering Stiftung: PUBLISHING HUNGER
(see pages 22 and 23)

THURSDAY, MARCH 5, 2015 – PROGRAM

(FSC Day sponsored by DAAD/EXCEED and BMZ)

08:00-09:55 am	TOPIC 6: INTERVENTIONS TO IMPROVE NUTRITION SECURITY Session 1: Agriculture
Chair: Keith P. West	Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
08:00-08:25 am	Peter W.B. Phillips: The relevance of GMOs for future global nutrient supply
08:25-08:50 am	Carl E. Pray: Genetically engineered crops and organic agriculture for improving nutrition security in Africa and South Asia
08:50-09:15 am	Stephan Weise: Agriculture and tree biodiversity for healthy diets and healthy landscapes
09:15-09:40 am	Manfred Zeller, Dorene Asare-Marfo: Biofortification Priority Index: Prioritizing countries for biofortification interventions using country-level data
09:40-09:55 am	B. Sorgho: Burkina Faso's integrated management of severe acute malnutrition (IMSAM) scaling up plan: Added value about the accessibility and quality of services
09:55-10:40 am	COFFEE BREAK + VIDEO PRESENTATION (by David Booker and Keith P. West)
10:40-12:35 pm	TOPIC 6: INTERVENTIONS TO IMPROVE NUTRITION SECURITY Session 2: Nutrition – Part 2
Chair: Adam Drewnowski	Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
10:40-11:05 pm	Saskia Osendarp: Strategies for improving complementary feeding and breastfeeding
11:05-11:30 am	Klaus Krämer: Implementation science in nutrition for improving program delivery and utilization
11:30-11:55 am	Klaus von Grebmer: Making hidden hunger visible: Communications as key success factor
11:55-12:20 pm	Harald Grethe: Impact of diet diversity
12:20-12:35 pm	D. Kugonza: Solving the invisible hunger crisis among school children through service learning: A case study from Kamuli, Uganda
12:35-01:35 pm	LUNCH BREAK
01:35-02:25 pm	TOPIC 6: INTERVENTIONS TO IMPROVE NUTRITION SECURITY Session 3: Non-governmental organizations (NGOs)
Chair: Klaus von Grebmer	Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
01:35-02:00 pm	Sweta Banerjee: Rights-based approaches to ensure sustainable nutrition security
02:00-02:25 pm	Bernhard Walter: What political framework is necessary to reduce malnutrition – The civil society perspective

02:25-03:15 pm	TOPIC 6: INTERVENTIONS TO IMPROVE NUTRITION SECURITY Session 4: Civil sector
Chair: Hans K. Biesalski	Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
02:25-02:50 pm	Hilary M. Creed-Kanashiro: Nutrition education for raising micronutrient intake
02:50-03:15 pm	Michael B. Krawinkel: Micronutrients and better use of local resources
03:15-03:45 pm	COFFEE BREAK
03:45-05:00 pm	TOPIC 6: INTERVENTIONS TO IMPROVE NUTRITION SECURITY Session 5: Governmental organizations (GOs)
Chair: Saskia Osendarp	Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
03:45-04:10 pm	Silvia Kaufmann: Nutrition central to development – Challenges and opportunities. A World Bank position
04:10-04:35 pm	Regina Birner: Governance problems and the 1000 days
04:35-05:00 pm	Martin Bloem: The Zero Hunger Challenge: How to get to zero stunting
05:00-06:30 pm	TOPIC 6: INTERVENTIONS TO IMPROVE NUTRITION SECURITY Session 6: Public-private partnerships
Chair: Hans K. Biesalski	Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
05:00-05:25 pm	Jörg Spieldecker: The role of research in a food company addressing hidden hunger
05:25-05:50 pm	Manfred Eggersdorfer: How to achieve transparency in public-private partnerships
05:50-06:15 pm	John Hoddinott: Public-private partnerships and the reduction of undernutrition in developing countries: Between Dr. Pangloss and the devil
06:15-06:30 pm	N. Martin: Affordable nutritious foods for women – Innovative approaches in the development practice for alleviating micronutrient deficiencies
Venue: Mövenpick Hotel Stuttgart Airport & Messe	
Whole Day	SCIENCE MEETS CULTURE Science and Society Session of the Schering Stiftung: PUBLISHING HUNGER (see pages 22 and 23)
Venue: Theater Rampe	
07:00 pm	SCIENCE MEETS CULTURE Science and Society Session of the Schering Stiftung: HOTSPOTS/KRISENHERD (see pages 22 and 23)

FRIDAY, MARCH 6, 2015 – PROGRAM

(FSC Day sponsored by DAAD/EXCEED and BMZ)

On the last day which is also organized by FSC the five Higher Education Institutions (HEIs) of the programme EXCEED (Higher Education Excellence in Development Cooperation) funded by DAAD (Deutscher Akademischer Austausch Dienst; German Academic Exchange Service) and BMZ (Federal Ministry for Economic Cooperation and Development) will present their projects and approaches.

09:00-11:30 am **RESEARCH AND DEVELOPMENT COOPERATION MATCH THE MILLENIUM DEVELOPMENT GOALS (MDGS): The five Competence Centers of the DAAD Exceed Program funded by BMZ**

Venue: University of Hohenheim, Euroforum, Room: Katharinasaal

09:00-09:30 am **Food Security Center (FSC)**
University of Hohenheim

09:30-10:00 am **Excellence Center for Development Cooperation – Sustainable Water Management**
Technische Universität Braunschweig

10:00-10:30 am **International Center for Development and Decent Work (ICDD)**
University of Kassel

10:30-11:00 am **Center for International Health (CIHLMU)**
Ludwig-Maximilians-University of Munich

11:00-11:30 am **Center for Natural Resources and Development (CNRD)**
Cologne University of Applied Sciences

11:30-02:00 pm **LUNCH BREAK**

Venue: University of Hohenheim, Euroforum, Room: Katharinasaal

02:00-05:30 pm **SCIENCE MEETS CULTURE**
Science and Society Session of the Schering Stiftung:
TWO SEMINARS ON HUNGER AND AFFLUENCE
(see pages 22 and 23)

Venue: Theater Rampe

08:00 pm **SCIENCE MEETS CULTURE**
Science and Society Session of the Schering Stiftung:
NOMA – LUXURY FACE (PT 2)
(see pages 22 and 23)



LIST OF POSTERS

in alphabetical order of presenters

Social protection programs for resilience to food and nutrition insecurity: Evidence from school feeding program in rural Benin;

Adjimoti, G., University of Ghana, Accra, Ghana

Iron and zinc biofortification of rice through combinatorial nuclear genetic transformation;

Banakar, R., University of Lleida, Lleida, Spain

Effect of extrusion on retention of provitamin A and other selected nutrients in amaranth/provitamin A-biofortified maize snacks;

Beswa, D., University of Venda, Thohoyandou, South-Africa

Improvement of indigenous chickens in South-Kivu RD Congo;

Bigabwa-Bigman, A., Institut Supérieur Pédagogique de Bukavu, Bukavu, Zaire

Confronting the disjuncture between theory and reality of strategies against hidden hunger: Experiences of Ugandan mothers;

Busingye, J.D., Makerere University, Kampala, Uganda

Carotenoid profile and bioaccessibility of carotenoids from red- and yellow-fleshed mamey sapote (*Pouteria sapota*) fruits;

Chacon, T., University of Costa Rica, San Jose, Costa Rica

Towards more comprehensive food security measures: comparing key indicators;

Chinweoke, I., University of Nigeria, Nsukka, Nigeria

Food fortification and its impact on woman and child health: A systematic review;

Das, J., Aga Khan University, Karachi, Pakistan

Effect of educational level and of place of residence on knowledge on nutrition and management of foods by Cameroonian housewives: Case of vitamin A and of crude palm oil;

Dongho Dongmo, F., University of Douala, Douala, Cameroon

Iron fortification of milk and the nutritional status of school children in rural Morocco;

El Menchawy, I., Joint Unit of Nutrition and Food Research (URAC39), Kenitra, Morocco

Table garden and urban horticulture in Namibia;

Fosso, A., Namibian Horticulture Trust, Windhoek, Namibia

Effect of a single high dose vitamin A supplementation on the hemoglobin status of children aged 6–59 months: propensity score matched retrospective cohort study based on the data of Ethiopian Demographic and Health Survey 2011;

Gebreselassie, S., Hawassa University, Addis Ababa, Ethiopia

Efficiency study of vitamin D fortified milk among school children in rural region of Morocco;

Kaoutar, B., Ibn Tofail University, Rabat, Morocco

Can cultivation of 'fruit tree portfolios' contribute to farmer families' year-round vitamin supply? Evidence from Eastern Kenya;

Kehlenbeck, K., World Agroforestry Centre (ICRAF), CGIAR, Nairobi, Kenya

A silent syndemic: Why food security is the wrong issue;

Kinsey, Bill H., Ruzivo Trust, Harare, Zimbabwe

Household food and nutrition security measurement: child deprivation on supplementation programme, Pietermaritzburg, South Africa;

Kolanisi, U., University of KwaZulu Natal, Durban, South Africa

Nutritional, microbial and sensory properties of flat-bread prepared from Maize (*Zea mays* L.) and orange-fleshed sweet potato (*Ipomoea batatas* L.) flour blends: The case of Shebedino, Southern Ethiopia;

Kurabachew, H., Hawassa University, Hawassa, Ethiopia

Food security in two Tanzanian regions: Dodoma and Morogoro;

Lambert, C., University of Hohenheim, Stuttgart, Germany

Drivers of hidden hunger in rural South Africa;

Mambo, J., Council for Scientific and Industrial Research, Johannesburg, South-Africa

Are state-funded food and nutrition programmes benefiting the urban food insecure?;

Mashile, L., University of Pretoria, Pretoria, South Africa

Performance of the orange-fleshed sweet potato chain in Mukono District, Uganda;

Mayanja, S., Uganda Martyrs University, Kampala, Uganda

Entomophagy for nutritional security;

McGill, W.L., Self-employed consultant, Denver, USA

An approach to address current and future hidden hunger challenges in Zimbabwe – A case study of two wards in Gweru District;

Mugandani, R., Midlands State University, Gweru, Zimbabwe

Co-ordination mechanisms for combating micronutrient deficiencies in Uganda;

Ngalombi, S., Ministry of Health, Kampala, Uganda

Hydrological impacts of climate change on Lake Tana's water balance, Ethiopia;

Nigatu, Z.M., Haramaya University, Haramaya, Ethiopia

Biofortified provitamin A maize to enhance chicken meat and eggs' vitamin A value for the benefit of rural households in Southern Africa – A review;

Odunitan-wayas, F., University of KwaZulu-Natal, Durban, South Africa

Economic analysis of the influence of women occupational status on household food security in Ogun State, Nigeria;

Odusina, O., Tai Solarin University of Education, Ijagun, Nigeria

Child malnutrition as a challenge for ensuring food security under water shortage conditions in the Batken province, Kyrgyz Republic;

Otunchiewa, A., University of Kassel, Kassel, Germany

Household responses to food insecurity shocks: lessons from South Africa;

Ramoroka, K., Human Science Research Council, Cape Town, South-Africa

Evaluation and improvement of the nutrition in the Shangrila Orphanage Home, Nepal;

Schroth, M., University of Hohenheim, Stuttgart, Germany

Effects of Amaranth addition on the quality and health-promoting potential of extruded pro-vitamin A-biofortified maize snacks;

Siwela, M., University of KwaZulu-Natal, Durban, South Africa

Development of a national surveillance system for food and nutrition security to strengthen actions aimed at ensuring the right to food in Uruguay;

Torres Ledezma, C., San José, Costa Rica

Mode of gene action and effect of environments on resistance to Diplodia ear rot disease in Tropical maize;

Wambugu, M., International Livestock Research Institute, Nairobi, Kenya

Efficacy study of the consumption of iodine fortified milk: On the iodine nutritional status of schoolchildren living in high altitude province in Morocco;

Zahrou, F.E., Ibn Tofaïl University, Rabat, Morocco





Source: UN Photo, Dr. Julia Beringer

HIGHLIGHTS AND SIDE EVENTS

CME CREDIT POINTS:

The 2nd International Congress Hidden Hunger 2015 is certified by the Landesärztekammer Baden-Württemberg with 18 CME credit points (6 CME credit points per day from March 3 until March 5, 2015).

PRESS CONFERENCE:

Date: Wednesday, March 4, 2015
Time: 11:45 am – 12:45 pm
Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Sion

PANEL DISCUSSIONS:

1.) How to address nutrition transition and micronutrient deficiencies together?

Date: Tuesday, March 3, 2015
Time: 04:50-05:50 pm
Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Sion

2.) ICN2 – Messages and challenges

Date: Wednesday, March 4, 2015
Time: 06:35 – 07:35 pm
Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich

VIDEO PRESENTATION: The changing landscape of nutrition interventions in contexts of rapid urbanization and infrastructure development: Nepal as a case study

Date: Thursday, March 5, 2015
Time: 09:55 – 10:40 am
Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Zürich
Presented by David Booker (Himalaya Hilfe Freiburg e.V., Germany) and Keith P. West (John's Hopkins Bloomberg School of Public Health, Baltimore, USA).

EXHIBITION:

Exhibition of organizations and companies of the civil and private sector
Venue: Mövenpick Hotel Stuttgart Airport & Messe, Room: Genf
(From March 3 until March 5, 2015 the exhibition can be visited at any time)

AWARDS:

We are delighted to award a Best Poster Prize to three of the poster presenters who will be announced and informed directly during the congress.

COME TOGETHER EVENING:

We cordially invite all congress participants to come together and celebrate with us!

Date: Tuesday, March 3, 2015
Time: 06:30 – 11:00 pm
Venue: Mensa at the University of Hohenheim (see pages 74/75 and 80-82)

**THTR
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Supported by:



HUNGER AND AFFLUENCE

A SCIENCE & SOCIETY SESSION OF THE SCHERING STIFTUNG ON THE TOPIC OF HUNGER IN THE AFFLUENT SOCIETY

Hunger in Europe is largely hidden. Hunger has been the driving force behind European civilization, feeding our myths and tales. But for the last 60 years hunger played no role in our public discourse, neither in politics nor culture. Once a unifying, global experience, hunger has now been relegated to the economical and geographical margins. What happens to a culture that is built on hunger but has lost it?

As an addition to the International Congress Hidden Hunger 2015 the program approaches the role of hunger and affluence from the perspective of cultural studies and artistic practice. These perspectives enhance the natural, medical and social science perspectives of the Congress Hidden Hunger 2015. The cultural/aesthetic aspects of food are vital for understanding and dealing with nutritional developments globally. Food is cultural and so is hunger.

HUNGER AND AFFLUENCE invites a group of 8 artists and cultural scientists to participate in the following public events:

PUBLISHING HUNGER:

Artist Andreas Liebmam (D) together with students from the University of the Arts Zürich (CH) gather statements from congress guests on their individual hunger. These statements are reformulated and mirrored back to the plenum via video projection and sound.

Date & Time: Whole days of the congress:

Tuesday March 3 until Thursday March 5, 2015

Venue: Mövenpick Hotel Stuttgart Airport & Messe

HOTSPOTS/KRISENHERD 2015:

A dinner-debate. Under the guidance of artist Wanja Saatkamp (D) 40 guests participate in creating a dinner together while talks are given by two invited speakers: a scholar from the Congress Hidden Hunger and an artist. The audience sits together at one long table and creates and shares thoughts and food over the course of a meal.

Date & Time: Thursday March 5 / 7.00 pm

Venue: Theater Rampe (see pages 76/77 and 83)

Please register at the registration desk or via the following contact:

www.theaterrampe.de, Email: karten@theaterrampe.de, Phone: +49 (0)711 620 09 09 15

TWO SEMINARS ON HUNGER AND AFFLUENCE:

Five international cultural scholars and artists – Cultural historian Prof. Frederike Felcht (Ludwig-Maximilians-University, Munich, and J.-W.-Goethe-University, Frankfurt/Main, D), writer Yemisi Ogbe (Lagos, Nigeria); visual artist Ulf Aminde (Berlin, D), Cultural Anthropologist Sebastian Schellhaas (J.-W.-Goethe-University, Frankfurt/Main, D), cultural activist Steve Calvert (British Columbia, Canada) – present introductory statements or excerpts of their work and discuss the role of hunger in affluent societies and the ties between cultural expression and nutrition.

Date & Time: Friday, March 6, 2015 / 2.00 pm and 4.00 pm

Venue: University of Hohenheim, Euroforum, Room: Katharinasaal
(see pages 72/73 and 80-82)

NOMA – LUXURY FACE (PT 2):

Performance and installation by Andreas Liebmam, Dorte Holbeck (DK) and Derek Leshner (DK) about indulgence and malnutrition. The installation will be developed and presented several weeks earlier in Copenhagen, home of the restaurant Noma, voted the world's best restaurant in 2014.

Date & Time: Friday, March 6, 2015 / 8.00 pm

Venue: Theater Rampe (see pages 76/77 and 83)

Please register at the registration desk or via the following contact:

www.theaterrampe.de, Email: karten@theaterrampe.de, Phone: +49 (0)711 620 09 09 15

The program is an official part of the Congress Hidden Hunger 2015 program and accessible for all congress guests as well as for general public. The seminars will be held in a central venue of the University of Hohenheim. They will be open to the public. The presentations at Theater Rampe aim at creating a social and geographic link between the congress, the scientific community and the cultural scene of the city of Stuttgart.

In cooperation with:

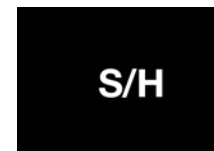
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FSC's activities are funded by:



MAIN SPEAKERS, PANELISTS AND CHAIRS

(WITHOUT TITLES)



Allen, Lindsay H.

Director, USDA-ARS Western Human Research Center, Research Department of Nutrition, UC Davis.

Lindsay Allen has investigated the prevalence, causes and consequences of micronutrient deficiencies for over 30 years. She has designed, implemented and evaluated micronutrient interventions, primarily in developing countries, that have included supplementation, food-based approaches, home food production, fortification, and currently, micronutrient-fortified lipid-based supplements. She was among the first to recognize and document the very high global prevalence of vitamin B12 deficiency, and to document the cause as being low animal source food intake rather than malabsorption. For the past ~15 years she has been documenting the adverse consequences of vitamin and mineral deficiencies in different populations and especially in women, infants and young children. As Director of the WHNRC she directs a large laboratory which analyzes micronutrient status and bioavailability in populations across many countries. Currently she is collaborating in research in Bangladesh, Malawi, Honduras, Ghana, Chile, Kenya, India and Uganda. Among her current interests is the development of new methods for simultaneous measurement of multiple micronutrients in human milk and the effect of maternal diet and supplements on breast milk quality. Another interest is the use of metabolomics to measure the effects of micronutrient deficiencies on function and the benefits of nutrient interventions. She has a strong interest and record of applying scientific knowledge to set programmatic recommendations, and has served as the Major Advisor for about 32 graduate students, mostly Ph.D.s – many from developing countries – and 5 postdoctoral fellows. Dr. Allen has served on eleven committees of the Food and Nutrition Board, Institute of Medicine, and has advised many national, bilateral and international organizations, including WHO, UNICEF, the Asian Development Bank, the World Bank, PAHO and FAO. She is principal author of the book “What Works? A Review of the Efficacy and Effectiveness of Nutrition Interventions”, and WHO’s “Guidelines on Food Fortification with Micronutrients”. She is Past Vice President of the International Union of Nutritional Sciences.



Amoroso, Leslie

Leslie Amoroso has a degree in international relations and diplomatic affairs with a focus on development policies from the Università di Bologna, Italy. She holds a Master’s in urban and regional planning for developing countries with emphasis on food and nutrition security and livelihood issues from the Istituto Universitario di Architettura di Venezia (IUAV), Venice, Italy. Ms Amoroso has wide international experience in food and nutrition security policy and programme-related activities, with a focus on food and nutrition insecure and vulnerable households, childhood, gender and HIV/AIDS in Ethiopia, the Gambia and Nicaragua. She joined FAO Headquarters in Rome in 2007, where she is Programme Officer in the Nutrition Division, working on governance, policy, programme and advocacy activities and initiatives aimed at improving nutrition through agriculture and food-based approaches. Ms Amoroso supported the joint FAO/WHO Secretariat of the Second International Conference on Nutrition (ICN2) with the coordination of FAO’s preparatory activities for the conference covering the planning, governance, policy, strategy and technical aspects. She is currently providing support to the post-ICN2 activities. She is co-editor of the joint FAO/CABI publications “Improving Diets and Nutrition – Food-based Approaches” (2014) and “Combating Micronutrient Deficiencies: Food-based Approaches” (2011) and have contributed to several articles, policy and technical papers, reports, and other relevant materials on nutrition-enhancing agriculture and food-based approaches.



Asare-Marfo, Dorene

Dorene Asare-Marfo is a Senior Research Analyst at HarvestPlus in the International Food Policy Research Institute (IFPRI) in Washington DC. In this role and as a member of the Impact Research Unit, she is involved in Impact Assessments and other related studies which seek to measure and maximize the socio-economic, nutritional and agronomic impact of biofortification in HarvestPlus target countries. Ms. Asare-Marfo manages and oversees the implementation of quantitative (and qualitative) household surveys which these studies entail. She has experience and keen interest in agricultural technology adoption and the effects

that these may have on key socio-economic outcomes such as gender and intra-household nutrition dynamics. Ms. Asare-Marfo also plays an important role in coordinating, collecting and analyzing data for Monitoring, Learning and Action (MLA) activities within HarvestPlus. She holds a Master's in Quantitative Methods (QMSS) from Columbia University in New York, as well as Honors degrees in Econometrics and Statistics, and a Bachelor's degree in Economics, all from the University of Pretoria in South Africa. She has experience working in several African and southeast Asian countries.



Banerjee, Sweta

Sweta Banerjee is currently working as the Nutrition specialist for Welthungerhilfe's (WHH) India Country program. She is based in Kolkata and provides support to the Food & Nutrition Security projects spread out across India.

Sweta has worked as Consultant to UNICEF for the initiation of the Integrated Management of Severe Acute Malnutrition program in India. She has also worked extensively for 12 years on MCH with focus on quality & coverage of the Government programs like the Integrated Child Development Services (ICDS) & National Rural Health Mission (NRHM) in India during her tenure with CARE.

Sweta has done her masters in Dietetics and Public health Nutrition. She is working in the Public health nutrition sector for the last 20 years and has extensive experience of working in the community.



Bernhard, Wolfgang

Prof. Dr. med. Dr. rer. physiol. W. Bernhard is currently the Leader of the Laboratory and Research Group of Lipid Metabolism and Developmental Physiology in the Dept. of Neonatology, Children's Hospital of the Eberhard-Karls-University in Tübingen, Germany. After having studied Nutritional Sciences in Bonn (1976-1983), he studied and did his doctorate in

Human Biology in Marburg (1983-1989), followed by a post doc fellowship at the Weizmann Institute of Science (1990-1991). In this time he worked on lung surfactant metabolism and lectin-dependent mechanisms of phagocytosis in vivo. In 1991 he became group leader in the Dept. of General Pharmacology at the Hannover Medical School (MHH), working on the molecular design and regulation of hydrophobic components of the gastric mucosal barrier. From 1992-1998 he studied medicine at the MHH, partly in parallel to his research activities, followed by graduation as a Dr. med. in 1999, and full approbation in 2000. In 1994 he had moved from Pharmacology to Pediatric Pulmonology and Neonatology in Hannover, and continued working on lung surfactant. Special focuses became the molecular adaptation of surfactant to differences in lung physiology, airways surfactant in Cystic Fibrosis and surfactant in perterm infants compared to adults. The advancements in mass spectrometric analysis of lipids stimulated him to develop stable isotope labeling strategies to investigate surfactant and hepatic phospholipid metabolism in human patients in vivo. In 2003 he moved to the Dept. of Neonatology in Tübingen to set up a research group. He became consultant of physiology in 2010 and extraordinary professor of physiology in 2012. Currently he works on pulmonary and hepatic metabolism of phospholipids, choline derivatives and fatty acids in preterm infants and Cystic Fibrosis patients, the treatment of neonatal lung injury and lipid metabolism in animal models and the application of stable isotope labeling in the clinical setting.



Besler, H. Tanju

Professor Doctor Halit Tanju Besler completed his undergraduate study (BSc) in the Nutrition and Dietetics Department at Hacettepe University in 1986 and he graduated (MSc) from Nutrition and Dietetics Programme in Health Sciences Institute at Hacettepe University in 1988. He commenced at Department of Human Nutrition of Medical Faculty of Southampton University in 1995. His areas of expertise are including „nutrition and dietetics“ and „nutrition and nutritional biochemistry“. He has published more than 60 papers in reputed journals. He has board memberships and consultancies in many public and non-public institutions, in particular Ministry of Health and Ministry of Food, Agriculture and Animal Husbandry, in the matters of nutrition, food and health care areas. He has many national and international publications and he is one of the coordinators of Turkey Nutrition and Health Survey 2010 and National Obesity Action Plan.



Biesalski, Hans K.

Prof. Dr. med. H. K. Biesalski is head of the Institute of Biological Chemistry and Nutrition as well as Director of the Food Security Center (FSC) at the University of Hohenheim in Stuttgart, Germany. After his studies of Medicine at the University of Mainz and his appointment as Research Assistant at the Department of Physiology, Division of Physics, he graduated with an MD thesis about „Progressive Hearing Disorders in Childhood“. After several years' activity as Assistant Professor, he obtained his habilitation with the thesis „Vitamin A and Inner Ear. Development and Application of Biochemical and Electrophysiological Studies“. He specified in Nutritional Medicine and was appointed Associated Professor, then full C4-Professor at the Department of Biological Chemistry and Nutrition at the University of Hohenheim. He was also appointed Managing Director, then Director of the Food Security Center (FSC) at the University of Hohenheim.

Prof. Dr. Biesalski has over 30 years' experience in research on retinoids and their actions on cellular growth and differentiation, vitamin A and human health, especially lung diseases. First, his research activities have concentrated on antioxidants and vitamins in basic and applied research on reactive oxygen species and their role in human nutrition. Then, his basic research related to food quality as an indicator of adequate and healthy nutrition and micro-nutrients in human health and disease with special emphasis on vitamin A and iron.

Prof. Dr. Biesalski is Editor of the journal „Nutrition and metabolism in cancer“ as well as European Editor of the journals „Nutrition“ and „Nutrition and Metabolism“. He has edited 7 textbooks related to nutrition medicine, nutrition physiology, clinical nutrition and aging (some of them translated in English, French and Chinese) and published more than 330 peer-reviewed papers in the most prestigious scientific journals dealing with nutrition, vitamins and nutrition medicine. He has chaired several international conferences (amongst others the WHO Conference on Nutrition and Cancer in 1997, the First Congress Nutrition Teams and the 1st International Congress Hidden Hunger in 2013).

As Principle Investigator of nutrition studies in developing countries he studied the impact of DDT on vitamin A status in refugee camps, nutrition and food quality including RUF (ready-to-use food) in developing countries (Thailand, Indonesia, Vietnam, Ethiopia, Kenya, Samoa), the impact of climate change on food quality (Collaborate Research Center University Hohenheim and Hebrew University of Jerusalem: Increasing Use of reclaimed water in agriculture: Impact on the safety and quality of food from crops and livestock) and the characterization of Ethi-

opian edible oils and its improved use in Ethiopian diets. Furthermore, he has developed IT based programs (with specific scoring systems to detect malnutrition and micronutrient intake in different groups (children, pregnant women and elderly, cancer patients); the programs are used in different trials to assess the individual nutrition status and to control intervention trials. Prof. Dr. Biesalski is a member of the Executive Boards and Scientific Advisory Boards of the most important German health societies and academies as well as of the Scientific Advisory Board of the US Pharmacopoeia. He is also a member of different international societies and vitamin consultative groups, e.g. the WHO/FAO Expert Group Application of Nanotechnologies in the Food and Agriculture Sectors (Potential Food Safety Implications), the FAO/WHO BOND (Biomarker of Nutritional Deficiencies) Initiative and the High Level Panel of Expert Group of the Global Forum on Food Security and Nutrition.



Birner, Regina

Regina Birner holds the Chair of Social and Institutional Change in Agricultural Development at the University of Hohenheim, Germany. Prior to joining the university in 2010, she was a Senior Research Fellow at the International Food Policy Research Institute (IFPRI), where she led IFPRI's Research Program on „Governance for Agriculture and Rural Development“. Her research focuses on the political economy of agricultural policy processes and on the role of governance and institutions in agricultural development, with a focus on smallholder farming. Gender is a cross-cutting concern in her research. Regina Birner has extensive empirical research experience in Africa and in South and South-East Asia, and she has published widely in these fields.

Regina Birner is a member of the Advisory Council on Agricultural Policy of the German Federal Ministry of Food and Agriculture (BMEL) and a member of the Advisory Council on Bioeconomy of the German Federal Government. She has been consulting with international organizations, including the World Bank, the Food and Agriculture Organization (FAO) and the International Fund for Agricultural Development (IFAD). Regina Birner holds a postdoctoral degree („Habilitation“) in Agricultural Economics and a PhD in Socio-Economics of Agricultural Development, both from the University of Göttingen. She received her M.Sc. degree in Agricultural Sciences from the Technische Universität München-Weihenstephan, Germany.



Black, Robert E.

Robert E. Black, M.D., M.P.H. is Professor and Director of the Institute for International Programs of the Johns Hopkins Bloomberg School of Public Health in Baltimore, Maryland. Dr. Black is trained in medicine, infectious diseases and epidemiology. He has served as a medical epidemiologist at the Centers for Disease Control and at institutions in Bangladesh and Peru. He was Chair of the Department of International Health of the Bloomberg School of Public Health from 1985-2013. Dr. Black's research includes field trials of vaccines, micro-nutrients and other interventions and evaluation of preventive and curative health service programs in low- and middle-income countries. His other interests are related to the use of evidence in policy and programs, including estimates of causes of child mortality and the consequences of maternal and child malnutrition. As a member of the US Institute of Medicine and advisory bodies of the World Health Organization, the International Vaccine Institute, and other international organizations, he assists with the development of policies intended to improve global child health. He serves on the governing boards of the Micronutrient Initiative and Vitamin Angels. He has 600 scientific journal publications and is co-editor of the textbook "Global Health". Dr. Black is the recipient of the Programme for Global Paediatric Research Award for Outstanding Contributions to Global Child Health in 2010, the Prince Mahidol Award for Public Health in 2010, the Canada Gairdner Global Health Award in 2011 and the Nutrition Leadership Award from Sight and Life in 2013.



Bloem, Martin

Dr. Martin W. Bloem is the Senior Nutrition Advisor and UNAIDS Global Coordinator, at the United Nations World Food Programme, in Rome, Italy. He holds a medical degree from the University of Utrecht, Netherlands, and a doctorate from the University of Maastricht, Netherlands, and has faculty appointments at both Johns Hopkins Bloomberg School of Public Health, Baltimore, US and at the Friedman School of Nutrition Science and Policy, Tufts University, Boston, US.

Martin has more than two decades of experience in nutrition research and policy in developing countries (1988 – present). He was country director of the US-based NGO, Helen Keller International (HKI) in Bangladesh and Indonesia and then regional director for the Asia-Pacific region. Martin became the Senior Vice President Chief Medical Officer of Helen Keller International in 2003 before his appointment at the World Food Programme in 2005.

Since his arrival in 2005, WFP's role in the field of nutrition has grown. As the chief of HIV/AIDS and Nutrition in Policy, Martin was responsible for two recently approved policy papers: HIV AIDS (2010), and Nutrition (2012). In line with WFP's mandate, Martin has focused particularly on the role of nutrients and foods in preventing and treating malnutrition. Martin has devoted his career to improving the effectiveness of public health and nutrition policies through applied research. He has participated in task forces convened by many organizations, Earth Institute Columbia University, international non-governmental organizations, UNAIDS, the UN Standing Committee on Nutrition, UNICEF, World Health Organization, and the United States Agency for International Development. He has authored more than 100 scientific publications and is one of the two editors of "Nutrition and Health in Developing Countries", a textbook in Public Health.



Booker, David

David Booker is Project Coordinator at Himalaya Hilfe Freiburg. He is an independent documentary filmmaker and consultant in online marketing for non-profits with research expertise in behaviour-change communications, post-conflict/disaster food security and child growth. David holds a Masters degree in development communications (Cornell University) and a B.S. in agricultural sciences. His management and consulting fieldwork in 7 countries in Africa and Asia has spanned health monitoring, BCC/evidence-promotion, health clinic management, food security training and more, with USAID, Africare, Oxfam, Habitat for Humanity, and the Indian Institute for Mass Communications. David received Thompson-Reuters and PAHO awards for outstanding writing and publishing in public health research during his tenure as Director of Online Community Development at The Cochrane Collaboration, based at the University Clinic Freiburg. He is an active member of Evidence Aid and co-author of a Cochrane review on supplementary feeding and nutrition education.



Collison, David

David Collison is Professor of Accounting and Society in the School of Business at the University of Dundee. After studying mathematics and economics at the University of Sussex he trained as an accountant in the UK National Health Service and with Thomson McLintock, a Scottish-based forerunner of KPMG. After qualifying he worked in the accountancy profession in West Africa and the UK before entering academia. He joined the University of Dundee in 1989 and undertook a range of research projects in the broad area of social and environmental accounting. These interests led to his serving on a number of professional bodies' committees in the sustainability area. He is a founder member of the Association of Chartered Certified Accountants' Social and Environmental Committee, and also a long-standing representative of the Institute of Chartered Accountants of Scotland on the Sustainability Group of the European Federation of Accountants. In addition to an interest in accounting and accountability issues in relation to sustainability, he is also particularly interested in varieties of capitalism and their relevance for the health of society as measured by a range of social indicators. In this area his more recent work has investigated the role of accounting, finance, company law and corporate governance traditions as important aspects and drivers of differences in approaches to socio-economic organisation.



Creed-Kanashiro, Hilary M.

After obtaining an M.Phil. from University College, London, I came to the Instituto de Investigación Nutricional in Lima, Peru in 1971 where I have conducted applied nutrition research ever since. My research has focussed primarily on the diagnosis of the nutritional situation of infants and young children (IYC) in underprivileged populations of Peru, and the development and implementation of nutrition intervention strategies to improve infant, young child and family feeding and nutrition in coastal, highland and rain forest (Indigenous) communities, particularly in the areas of complementary feeding, micronutrient rich foods, acceptability of micronutrient supplements, responsive feeding and traditional food systems. I have been in-

volved in the development of manuals, guides and materials in these topics. I have experience in applying formative research to design effective education-communication interventions, including in Peru and consultancies for IYC feeding projects in India and Lao PDR as well as working with CARE USA to evaluate their IYC feeding interventions in 5 countries (3 continents). I have worked with regional Andean institutions involved in agricultural interventions in developing links between nutrition, production and food security in poor highland populations.



Darmon, Nicole

Nicole Darmon is a nutritionist, epidemiologist and senior researcher at INRA (the French National Research Institute for Agricultural Research), within MRU Nutrition and Obesity, in Marseilles (south of France). Known as an expert in the field of social inequalities in nutrition, she studies the multiple constraints influencing foods choices, be they related to individual preferences, or to physical or economic access to healthy food. She develops both interventional research and theoretical methods (diet modeling, food nutrient profiling) to translate the recommendations (nutritional, toxicological, environmental ...) into realistic, healthy and more sustainable food choices.



Dessì, Angelica

Department of Neonatal Intensive Care Unit, Puericulture Institute and Neonatal Section, University of Cagliari.

Angelica Dessì is a paediatrician and is taking a second postgraduate in clinical pathology. She obtained her postgraduate in Paediatrics (2011) and her Medical Degree (2006) with highest honours, both at the University of Cagliari under the supervision of Prof. Vassilios Fanos. Her postgraduate thesis dealt about intrauterine growth retardation and metabolomics. Then she continued to work and take care of metabolomics studies, particularly on the fetal-neonatal nutrition and prevention of chronic diseases in adults such as obesity, diabetes

and metabolic syndrome. She has written over 50 publications (of which 29 on Pub Med) in National and International Journals. She's author of 60 abstracts and posters (of which 41 presented in International Meetings) and several chapters in International and National books. She also participated as a speaker at over 20 National and International meetings. She's a board member in International Journals (Global Journal of Obesity, Diabetes and Metabolic Syndrome, Global Research Journal of Public Health and Epidemiology, Imaging Journal of Clinical and Medical Sciences and Pediatrics and Neonatal Care) and a consultant referee of International Journals (Pediatric Research, BioMed Central Pediatrics, Journal of Pediatric and Neonatal Individualized Medicine, The Italian Journal of Pediatrics, Expert Opinion on Pharmacotherapy, International Journal of Developmental Neuroscience and Case Reports in Pediatrics). Currently she's going to finish a PhD in Italy-Netherlands PhD Research Program and is dealing with the management of international projects that have as their topic the metabolomics.



Doluschitz, Reiner

Reiner Doluschitz holds the professorship of Computer Applications and Business Management in Agriculture with more than 30 years extensive experience in farm level and regional modeling at different scales and major management topics, such as quality, sustainability, information and communication as well. In 2007 he additionally became director of the Hohenheim special research unit on Cooperative Studies, since 2014 he serves as the vice director of Hohenheim's Food Security Center, funded by DAAD. Agro-environmental and sustainability concerns dominated substantial parts of these research activities continuously. During this period a number of respective projects have been carried out, funded by DFG (SFB 183, GRK 259, SFB 564, among others), BmbF (among others ITFoodTrace, SuMaRiO, Innovate), EU (coordinator of several TEMPUS-projects), DBU, DAAD, FZ Karlsruhe, Sugar Industry, Baden-Württemberg Cooperatives Association, Qualität und Sicherheit GmbH, GtZ/ GIZ, BASF. His experiences in Sino-German cooperation date back to the beginning of the 1990ies and were from thereon intensified in two major projects funded by GTZ (CIAD; 1984-1994) and BMBF ("Sustainable Agriculture in the North China Plain"; 1999-2003). Major foci of his current research are (i) knowledge-based approaches for regional modeling of agro-

environmental concerns, (ii) data analyses of precision agricultural production activities in crop and livestock farming, and (iii) traceability of food and feed in Food Supply Chains, (iv) sustainability assessment, (v) development strategies for (rural) cooperatives.

In the International Research Training Group (GRK 1070; 2004-2015; <http://rtgchina.uni-hohenheim.de>) "Sustainable Resource Use in the North China Plain", Reiner Doluschitz is German leader of one subproject and Principal Investigator of the overall project at German side in collaboration with Zhang, Fusuo from China Agricultural University in Beijing. In 2011 he has been awarded with the Friendship Award of the P.R. China.

Reiner Doluschitz, born July 27, 1956, holds a Diploma in Agricultural Sciences from the University of Hohenheim as well as PhD- and Habilitation-degrees from the same University. In 1986 he left for a postdoc year at the Oregon State University, from 1993 to 1995 he received a Professorship at the University of Applied Sciences in Neubrandenburg. Since 1995 he serves as a professor at the University of Hohenheim, Faculty of Agriculture, being responsible for further above mentioned duties as well.



Dötsch, Jörg

Jörg Dötsch is professor of Pediatrics and is heading the Department of Pediatric and Adolescent Medicine at the University of Cologne since 2010. He is Pediatrician with subspecialties in Pediatric Nephrology, Pediatric Endocrinology and Neonatology. After his studies in Mainz, Germany and Dublin, Ireland, he started his Pediatric training at the University of Giessen before moving to the university of Erlangen-Nürnberg in 1998, where he was appointed professor of Pediatric Nephrology in 2006. His scientific focus is on perinatal programming and placental function. In that context he is involved in clinical as well as preclinical studies, the latter including animal and cell culture examinations.



Drewnowski, Adam

Dr. Adam Drewnowski is Director of the Center for Public Health Nutrition and Professor of Epidemiology at the University of Washington. Dr. Drewnowski received MA degree in biochemistry from Balliol College, Oxford and PhD in psychology from The Rockefeller University in New York. He has been on the faculties at the Rockefeller University and at the University of Michigan before joining the University of Washington.

Dr. Drewnowski's studies deal with the contribution of food prices and the cost of healthy eating to socio-economic disparities in obesity and associated non communicable disease (NCD). Dr. Drewnowski has published on nutrient density of foods in relation to monetary cost and greenhouse gas emissions (GHGEs). He is the author of the Nutrient Rich Foods index and other metrics to identify foods and food patterns that are affordable, accessible, sustainable, and nutrient-rich. He is the author of over 250 publications in peer-review journals and a frequent contributor to international meetings. Dr. Drewnowski has advised governments, foundations and industry on issues related to sustainable food and nutrition security.



Eggersdorfer, Manfred

Dr. Manfred Eggersdorfer is Senior Vice President for Nutrition Science & Advocacy at DSM. DSM Nutritional Products is the world leader in vitamins, carotenoids and nutritional ingredients for Human Nutrition, Animal Nutrition and Personal Care.

Prior to DSM, Manfred Eggersdorfer was working for BASF, Ludwigshafen in different positions including Head of Research and Development Fine Chemicals.

Manfred Eggersdorfer studied chemistry at the Technical University Munich and did his PhD in organic chemistry in the field of synthesis and characterization of unusual amino acid. He was post-doc at the Stanford-University, California working with Carl Djerassi on the isolation and characterization of sterols from marine origin.

Further Manfred Eggersdorfer is active as honorary professor at the Faculty of Medical Sciences at the University of Groningen. He is member of the Advisory Board of the Johns Hopkins Bloomberg School of Public Health, of the Fraunhofer-Gesellschaft Curatorial for Innovation, and affiliate of various other organizations. He is author of numerous publications in the fields of vitamins, innovation in nutritional ingredients, and renewable resources, reviewer for a variety of journals and associate editor of the "International Journal of Vitamin and Nutrition Research".



Eiden, Hanns-Christoph

Dr. Hanns-Christoph Eiden has been president of the Federal Office for Agriculture and Food (BLE) since 2010. He heads a federal agency competent for control measures in the agricultural, the food and the fisheries sectors and for the implementation of research and communication programmes. Among others, his tasks include the coordination of German interests in agricultural research at European level, active cooperation in respective EU committees, implementing IN FORM, the German National Action Plan for the prevention of malnutrition, lack of physical activity and related diseases, as well as protecting agro-biodiversity and managing the Federal Programme for Organic Farming and other Forms of Sustainable Agriculture. The Federal Office was also the national focal point responsible for the preparation of the International Conference on Nutrition 2 in Rome, in November 2014.

Before being appointed to his current position, Hanns-Christoph Eiden held various positions at the Federal Ministry of Agriculture and Consumer Protection (BMEL), among them, most recently, that of director of European and International Affairs, and he was also the German spokesman at the EU Special Committee on Agriculture.

Hanns-Christoph Eiden is an active member of SUN, the Scaling Up Nutrition Movement. He has served as one of the facilitators of the SUN Donor Network and is one of the German representatives in the Donor Group's Senior Officials meetings.

A lawyer by profession, he studied at the universities of Trier and Münster where, in 1983, he obtained his doctorate in law for his dissertation on the harmonization of laws in Europe.



Frank, Jan

Jan Frank graduated with a Diploma in Nutrition from Bonn University (2000), obtained a PhD in Food Science at the Swedish University of Agricultural Sciences (2004), and received postdoctoral training at the Universities of Kiel and Hohenheim. He was a visiting scientist at the Linus Pauling Institute (USA), the University of Reading (UK) and the University of Surrey (UK).

Dr. Frank currently heads the division Biofunctionality and Safety of Food at the Institute of Biological Chemistry and Nutrition at the University of Hohenheim. He is president of the Society of Nutrition and Food Science, and editor-in-chief of NFS Journal, regional co-editor of Nutrition, and member of the editorial boards of The Journal of Nutritional Biochemistry, BioFactors, and Plant Foods for Human Nutrition.

His research interests lie in factors that determine the absorption, metabolism, and elimination of phytochemicals and the different vitamin E congeners and in developing novel strategies to overcome the low intrinsic oral bioavailability of phytochemicals, as well as in understanding the biological activities of potentially health-beneficial bioactives.



Gortner, Ludwig

Professor of Paediatrics at the Saarland University Hospital, Clinic for General Paediatrics and Neonatology, Homburg/Saar, Germany.

PROFESSIONAL AND SCIENTIFIC CAREER:

Habilitation in Paediatrics at Ulm University

Full-time professor (C-3) of Interdisciplinary Paediatric Intensive Care at the Medical University of Luebeck, Germany

Election as the head of the Department of Paediatrics and Neonatology and as full-time professor (C-4) at the Justus Liebig University Giessen, Germany

President of the Society for Neonatology and Paediatric Intensive Care (GNPI)

Election as a full-time Professor of Paediatrics (C-4) Director of the Paediatric and Adolescent

Centre of the University of the Saarland at Homburg Saar, Germany
Member (Fachkollegiat) of the board of the DFG (German Research Association)
Visiting Professorship, Medical University Vienna, Austria (6 months)

RESEARCH ACTIVITIES: BRONCHOPULMONARY ACTIVITIES:

Clinical: Multicenter vitamin A trial; Neonatal lung and environmental hazards

Experimental: Stem cells for BDP



Grethe, Harald

Harald Grethe is Professor of Agricultural and Food Policy at the University of Hohenheim. He is a graduate of Georg-August University of Göttingen and Humboldt-University of Berlin, a co-author of the ESIM agricultural sector model and a founding member of the Expert Network for Agro-Economic Modelling (ENgAGE) at the European Commission. His research interests include the analysis of global biomass supply and use, economic and agricultural development, poverty and income distribution, sustainable diets, and the interaction between water, energy and agriculture. Harald Grethe chairs the Scientific Advisory Board on Agricultural Policy at the Federal Ministry of Food and Agriculture, Germany and has worked as an expert for many national and international institutions among which the European Commission, OECD, FAO and USDA.



Gundersen, Craig

Craig Gundersen is the Soybean Industry Endowed Professor in Agricultural Strategy in the Department of Agricultural and Consumer Economics at the University of Illinois and Executive Director of the National Soybean Research Laboratory. He is also a member of the Technical Advisory Group of Feeding America and is the lead researcher on the Map the Meal Gap project. Previously, he was at the Economic Research Service of the USDA and at Iowa State University. Gundersen's research is primarily focused on the causes and consequences of

food insecurity and on evaluations of food assistance programs. Among other journals, he has published in Journal of the American Statistical Association, Journal of Human Resources, Journal of Health Economics, Journal of Econometrics, American Journal of Agricultural Economics, Journal of Nutrition, Pediatrics, Demography, Obesity Reviews, Journal of the American Dietetic Association, and American Journal of Public Health. His work has been supported by over \$10 million in external funding from various government and non-government sources including, among other sources, the U.S. Department of Agriculture (USDA), National Institutes of Food and Agriculture (NIFA); National Foundation to End Senior Hunger (NFESH); ConAgra Foods Foundation; Canadian Institutes for Health Research (CIHR); AARP Foundation; American Beverage Association; US Agency for International Development (USAID); Walmart Foundation; USDA, Economic Research Service (ERS); Merck Foundation; Urban Institute; and USDA, Food and Nutrition Service (FNS).



Hoddinott, John

John Hoddinott is the H.E. Babcock Professor of Food and Nutrition Economics and Policy, Professor of Applied Economics and Management, Professor of Economics and Professor of Nutritional Sciences, Cornell University. Previously, he was a Deputy Division Director at the International Food Policy Research Institute, Washington DC. He has more than 100 refereed publications including studies of the long-term consequences of early childhood undernutrition and the evaluation of interventions designed to reduce poverty and undernutrition in developing countries. Born in Canada, he has a BA in Economics from the University of Toronto and a doctorate in economics from the University of Oxford.



Jallow, Isatou

Isatou Jallow is currently on secondment from the World Food Programme to the NEPAD Planning and Coordination Agency as Senior Nutrition and Partnerships Advisor. She is from the Gambia and trained as a Nutritionist in Norway and has over the years worked in both

nutrition and gender. Isatou has previously served as the Chief of Women, Children and Gender Policy of the UN World Food Program. She was also the first Executive Director of the National Nutrition Agency in the Gambia.



Johnson, Rodney W.

Dr. Rodney Johnson is a professor of integrative immunology and behavior in the University of Illinois Department of Animal Sciences and Director of the Division of Nutritional Sciences. His research investigates how infection, nutrient deficiencies, and birth weight affect brain and cognitive development; and how aging results in neuroinflammation and deterioration of brain health. A special focus is on how diet influences the communication between the immune system and brain. Johnson earned a B.S. from Truman State University and a M.S. and Ph.D. from the University of Illinois. After postdoctorate training at Iowa State University, he joined the University of Illinois faculty in 1993. Johnson has published over 125 peer reviewed papers, is past president of the Psychoneuroimmunology Research Society, and is a University Scholar.



Jordan, Irmgard

Irmgard Jordan is managing the 'Improving Complementary Feeding (IMCF)' project in Malawi & Cambodia in collaboration with FAO, Rome. She studied nutritional sciences and home economics at the Justus Liebig University, Giessen in Germany. For her graduation she wrote a thesis about the role of indigenous plants for nutrition security. After her studies she looked at the potential roles of energy saving stoves for nutrition security in Africa and Sri Lanka. In 2005, she took over a research study on breast cancer and nutrition in the Kilimanjaro Region of Tanzania, which resulted in a doctoral degree in 2012. Her present research focuses on studying the impacts of nutrition education and food security activities on the nutritional status of infants and young children in Malawi and Cambodia.



Kaufmann, Silvia

Silvia Kaufmann, born and brought up in Germany, carries an advanced University degree in Nutritional Science and Home Economics and has an additional University degree in Vocational Training and Adult Education. She completed her Master as well as PhD at Justus Liebig University, Germany. Silvia's research work focused on evaluating the impact of multi-sectoral community based nutrition programmes, measuring impacts on the reduction of stunting and identifying determinants of change.

Silvia's professional focus is on nutrition programming, policies and implementation. She started her professional life in South East Asia in the early 90s, and gradually shifted to South Asia around 10 years ago, initially working with the German Agency for International Cooperation as food and nutrition security advisor, followed by assignments with UN's World Food Programme in the field of food for education and mother child nutrition programmes at scale, with the UN's Food and Agriculture Organisation heading a food and nutrition security programme in Afghanistan 2008 to 2011, and working with UNICEF, previously as regional nutrition specialist at the South Asian office and more recently, heading UNICEF's nutrition section in Pakistan.

Since early 2014, Silvia works with WB as a Senior Nutrition Specialist, focusing on South Asia, Pakistan, Nepal and Bhutan in particular, supporting the design and implementation of public sector nutrition programmes, mobilising resources for implementation at scale, technical assistance and capacity building while aiming for an inter-sectoral and well-coordinated approach to nutrition.



Keding, Gudrun B.

Gudrun B. Keding is currently working for Bioversity International as a consultant and was a postdoctoral research fellow with Bioversity in Nairobi, Kenya from 2011 to 2014 working i.a. on "Improving nutrition of women and young children through increased utilisation of local agrobiodiversity in Kenya". After studies of agricultural sciences at Georg-August-University

Goettingen, Germany and University of Reading, UK, she carried out field work in Namibia and later on traditional vegetables within a project led by the World Vegetable Center (AVRDC). From April 2005 to March 2009 she was a research fellow at the Institute of Nutritional Sciences, Justus-Liebig-University Giessen, Germany. In 2006/2007 she did further field work, within an AVRDC project for her PhD thesis on "Linking nutrition security and agrobiodiversity: the importance of traditional vegetables for nutritional health of women in rural Tanzania".



Kehlenbeck, Katja

Katja Kehlenbeck is a Scientist at the World Agroforestry Centre (ICRAF), based in Nairobi, Kenya, in the department 'Tree Diversity, Domestication and Delivery'. Katja holds an MSc in Biology from University of Hamburg and an MSc in Tropical Agriculture from University of Goettingen. Before joining ICRAF, Katja worked as a research assistant at the Institute of Crop and Animal Production in the Tropics at University of Goettingen and earned her PhD in International Agriculture in 2007 from the same university in the subject of Agrobiodiversity. Her current research projects mainly focus on promotion of food tree diversity for improved nutrition, diversification of farming systems, and improvement of homegarden systems for better family nutrition. Katja performed and supervised research mainly in Kenya, Uganda, Sudan, Malawi, Indonesia, Bangladesh and Nepal.



Kersting, Mathilde

Research Institute of Child Nutrition Dortmund (FKE), Rheinische Friedrich Wilhelms-Universität Bonn.

Mathilde Kersting studied nutritional sciences at the University of Bonn. Since then she worked at the Research Institute of Child Nutrition (FKE) in Dortmund, starting with the PhD thesis. She is honorary professor at the Technical University Dortmund, Chemical Faculty, and Associate Head of the FKE.

Initially, at the FKE, she was responsible for dietary surveys in the whole pediatric age range. The main research project started in 1985 was the ongoing Dortmund Nutritional and Anthropometric Longitudinally Designed (DONALD) Study and as part thereof the dietary behaviour section. Several joint research projects were coordinated.

In parallel preventive food-and-meal based dietary concepts were developed and evaluated, representing a 'dietary continuum' where pregnancy, lactation, infancy, childhood and adolescence are connected.

A recent research field addresses the improvement of the scientific evidence of dietary recommendations by use of intervention studies in true-to-life conditions, in families and schools. Actual topics are optimization of omega-3 fatty acids supply in complementary feeding or short-term effects of lunch on cognitive function in school aged children.

Translational research is also focussed on development and communicating of healthy food choices to children, families and schools.



Koletzko, Berthold V.

Dr. med. Dr. med. habil (MD PhD) Dr. h.c.

Professor of Paediatrics, Ludwig-Maximilians-University of Munich, Germany

Head, Div. Metabolic & Nutritional Medicine,

Dr. von Hauner Children's Hospital, University of Munich

SCIENTIFIC PUBLICATIONS:

754 journal articles (13 621 times cited, H-index 59), 193 book chapters, 31 books/monographs

LEADERSHIP ROLES:

Co-ordinator, EU FP7 EarlyNutrition Project (project-earlynutrition.eu)

Co-ordinator, ESPEN Network Project on Disease Associated Malnutrition in Children

President, European Society Paediatric Gastroenterology, Hepatology & Nutrition

(www.espgan.org)

Managing Director, Early Nutrition Academy (www.early-nutrition.org)

Chair, Committee on Nutrition, German Society Paediatrics (www.dgkj.de)

Chair, Child Health Foundation German (www.kindergesundheit.de/)

Member, Central Grant Review Board Medicine, German Research Council (www.dfg.de)

Chair, Scientific Committee, National Network Young Families (www.gesund-ins-leben.de)

Member, United European Gastroenterology General Assembly (www.ueg.eu)

Council Member, Federation of International Societies on Pediatric Gastroenterology, Hepatology and Nutrition (www.fispghan.org)

Board Member, German Platform Nutrition and Physical Activity (www.pebonline.de)

Board Member, International Society for the Study of Fatty Acids and Lipids (www.issfal.org)

Member, Center of Advanced StudiesLMU, University of Munich

Member, Munich Center of Health Sciences

CURRENT SCIENTIFIC JOURNAL EDITOR:

Editor in Chief, Annals Nutrition & Metabolism

Editor in Chief, World Review of Nutrition and Dietetics

Associate Editor, Current Opinion Clin Nutrition Metabolic Care

Associate Editor, Monatsschrift Kinderheilkunde

SCIENTIFIC ADVISORY ROLES:

Member, Grant Review Committee Medicine, German Research Council

Jury member, Dr. Werner Fekl Award for Nutritional Medicine

Scientific Advisory Board Member, Centre for Fetal Programming (www.cfp-research.com)

Scientific Advisory Board Member, Gravidia National Centre for Growth and Development

Scientific expert, United Nations University

ADVISOR TO GOVERNMENTAL BODIES:

Member and Rapporteur, European Commission Scientific Committee on Food

Scientific Advisor, European Parliament Committee on Consumer Protection

Scientific Advisor, Innovation Initiative of the Chancellor of the Federal Republic of Germany

Scientific Advisor, Forum Early Childhood Education, German Federal Minister of Family, Seniors, Women and Youth

Scientific Advisor, New Zealand Ministry of Business, Innovation and Employment

Scientific Advisor, New Zealand Ministry of Primary Industries

Scientific Advisor, BPOM Food Safety Authority, Government of Indonesia

Scientific Advisor, Food Safety and Quality Division, Ministry of Health, Government of Malaysia



Krawinkel, Michael B.

German citizen, married, two children, based in Frankfurt, Germany. Permanent professor of human nutrition with focus on international nutrition and pediatrics, Justus-Liebig-university, Giessen. Visiting professor of the universities of Vienna and the Hebrew university of Jerusalem, Rehovot, Israel.

Advisor and consultant for German Federal Ministry of economic cooperation and development (BMZ), German Federal Ministry of Nutrition, Agriculture and Consumer Protection (BMELV), German Kreditanstalt fuer Wiederaufbau, KfW Entwicklungsbank, German Agency for technical (now: international) Cooperation (GTZ (now: GIZ)), German Agro Action, World Health Organization (WHO), Geneva, and Food and Agriculture Organisation (FAO), Rome. Recent publications on breastfeeding, diversity of diets, bioactive components of vegetables. Ongoing research on bitter melon (with AVRDC/Taiwan), complementary feeding of infants (with FAO, University of Malawi and Mahidol University, Thailand).



Krämer, Klaus

Klaus Kraemer is the Director of Sight and Life (www.sightandlife.org), a humanitarian nutrition think tank, and Adjunct Associate Professor in the Department of International Health of Johns Hopkins Bloomberg School of Public Health.

Guided by the vision of a world free of malnutrition, Sight and Life acts as an advocate for the most vulnerable populations by advancing research, sharing best practices, and mobilizing support.

As a nutrition scientist with over 25 years of experience Klaus has expertise in research and product development, program implementation and evaluation, advocacy, communication, strategic and organizational leadership in the fields of nutrition and public health. His interests range from implementation science and capacity and leadership development to enable the scaling-up of nutrition interventions, to food and nutrition security, nutrition communication, and advocacy. Klaus provides leadership, vision, and direction, guides a global team, interacts with funders and partners, and serves as its key spokesperson.

Klaus is the editor of Sight and Life magazine, one of the most widely read scientific magazines on nutrition and health in the developing world. He serves on several societies and boards, is a reviewer for a number of scientific journals, has published many scientific articles, and has co-edited 10 books.



Kuchenbecker, Judith

Judith Kuchenbecker is a PhD-student at the Justus Liebig University, Giessen, Germany where she also completed her MSc-studies of Nutrition Sciences with a thesis focused on "Nutrition Transition in Awassa, South Ethiopia" in 2009. She worked then as research assistant at the Centre for international development and environmental research (ZEU) at the university of Giessen. In 2011, Mrs Kuchenbecker joined the research team of the 'Improving Complementary Feeding (IMCF)' project. From May 2011 until October 2014, she lived in Kasungu, Malawi, and worked there as researcher and project manager for the IMCF-project. Her main responsibility was the conduction of three cross-sectional surveys and the management of a one year longitudinal study. She recently published about breastfeeding and its effect on growth of Malawian infants.



Lozoff, Betsy

Betsy Lozoff, M.D., a developmental-behavioral pediatrician, received a BA from Radcliffe College in 1965 (Social Relations) and MD from Case Western Reserve University School of Medicine in 1971. She was Director of the University of Michigan Center for Human Growth and Development from 1993 to 2004 and is currently Professor of Pediatrics and Communicable Diseases in the Medical School, Research Professor at the Center, and Professor of Environmental Health Sciences in the School of Public Health. Lozoff's research focuses on the effects of iron deficiency on infant behavior and development, a widespread concern since iron deficiency is the most common single nutrient disorder in the world. Her work also considers environmental exposures, such as lead and pesticides. Her research has received

uninterrupted support from NIH for the last 34 years, and NICHD recognized her outstanding contributions by a MERIT Award, 1999-2009. She was a member of the National Research Council/Institute of Medicine of the National Academies Board on Children, Youth, and Families, 2006-2009.



McCaffery, Peter J.A.

Peter McCaffery obtained a Ph.D. in Pathology at Otago University, New Zealand in 1987, before starting post-doctoral research at Harvard Medical School, Boston USA. He became Instructor and then Assistant Professor in the Department of Psychiatry, Harvard Medical School. He developed an interest in the function of vitamin A and retinoic acid in the developing and adult central nervous system and has published over 70 articles on the topic, funded by the National Institute of Health. His research at Harvard Medical School and later as Associate Professor at the University of Massachusetts Medical School led to a new view of how retinoic acid was regulated in the embryo. He was first to show the importance of the RALDHs as retinoic acid synthesising enzymes that regulate retinoic acid concentration, and in a series of PNAS and J. Neuroscience papers he demonstrated its patterning role in the developing retina and elsewhere. In 2006 he moved to the University of Aberdeen, Scotland, where he is a Director of the Institute of Medical Sciences. His studies in the UK funded by the Wellcome Trust and BBSRC have led to papers published in PNAS and Dev. Cell and a recent summary in Trends Neurosci. on the role of retinoic acid in various aspects of plasticity in the adult brain.



Osendarp, Saskia

Saskia Osendarp is a nutritionist with a PhD in micronutrient research and with experience both in public as well as private sector. She worked for 7 years in Bangladesh in public health nutrition research. In 2001, she joined Unilever R&D in Vlaardingen, The Netherlands where she worked for 10 years as science leader micronutrients and child nutrition, and advised the business on innovation projects in the area of micronutrient fortification and child nutrition.

Early 2012 she left Unilever and started to work as consultant for the Micronutrient Initiative as Senior Strategic Advisor Infant and Young Child Nutrition. She is based in the Netherlands but attached to the Research and Evaluation team in Ottawa. Saskia also holds a position as adjunct associate professor micronutrients and international health in Wageningen University. She is author or co-author on more than 35 peer-reviewed publications and book chapters.



Pfeiffer, Sabine

Sabine Pfeiffer is professor for Sociology at the University of Hohenheim and member of the Institute for Social Science Research Munich (ISF München e.V.). As a sociologist of work she has done research with said institute for years, specialising on the micro sociological aspects of work referring to experiential knowledge, corporeality of work action and tacit and informal competencies. She has conducted and managed more than 16 research projects focusing on the role of these qualitative aspects of work action (labouring capacity; Arbeitsvermögen), not only within different industries (e.g. manufacturing, automotive, software engineering) but also with longterm unemployed people. Since 2009 her research scope expanded into the topics of nutritional poverty and alimentary participation, she has been appointed to the scientific board of the Danish research project „Food in turbulent times“ and currently working on poverty consumption and alimentary participation related consumption patterns in Germany (research project „Reporting Socioeconomic Development in Germany“ www.soeb.de). For more information see www.sabine-pfeiffer.de.



Phillips, Peter W.B.

Dr. Phillips is Distinguished Professor in the Johnson-Shoyama Graduate School of Public Policy at the University of Saskatchewan. He earned his MScEcon and Ph.D. at the LSE and practiced for 13 years as a professional economist and advisor in industry and government. At USask he has held the Van Vliet Research Chair, created and held an NSERC-SSHRC Chair in Managing Technological Change, was a founding member and director of the virtual

College of Biotechnology and was founding director of the JSGS. He has had appointments at the LSE, the OECD, the EUI, Edinburgh and the University of Western Australia. He was a founding member of the Canadian Biotechnology Advisory Committee and has been on many company boards, including CAPI, Pharmalytics and Ag West Bio Inc. (which operates a biotech venture fund). He has held >15 peer reviewed grants worth >\$150 million and is the author/editor of 13 books, >40 journal articles and >50 book chapters, including Innovation in Agri-food Clusters (CABI 2012).



Pray, Carl E.

Dr. Pray is a Distinguished Professor of Agricultural, Food and Resource Economics, Rutgers University, New Brunswick, New Jersey. His PhD is in Economic History from the University of Pennsylvania. He worked as an agricultural extension agent in the Peace Corps in Rajasthan, India. The focus of his research is agricultural science and technology policy in China, South Asia, and Africa. The results of this research have been published in 75 journal articles in Science, Nature, the American Journal of Agricultural Economics, Economic Development and Cultural Change, Research Policy, and elsewhere. Past research was funded by the Bill and Melinda Gates Foundation, Rockefeller Foundation, the World Bank, the US Department of Agriculture, and others.



Ramakrishnan, Usha

Usha Ramakrishnan, PhD, is a Professor in the Hubert Department of Global Health in The Rollins School of Public Health and Director of the Doctoral Program in Nutrition and Health Sciences in the Graduate Division of Biological Sciences and Biomedical Sciences at Emory University, Atlanta, GA, USA.

Dr. Ramakrishnan is a nutritionist by training and is known internationally for her expertise in maternal and child nutrition. She is actively involved in mentoring the next generation of nutri-

tion scientists and is the senior author or co-author of over 110 research articles in national and international peer-reviewed professional journals, 11 book chapters and has edited a book on Nutritional Anemias. She has considerable expertise in the conduct of large randomized controlled trials (RCT) that test micronutrient interventions during pregnancy and early childhood, and prospective longitudinal studies that examine pregnancy outcomes such as low birth weight, preterm birth and subsequent child growth and development. She has led studies on the effects of multiple micronutrient (MM) interventions during pregnancy, lactation, and early childhood, and is currently leading a large trial evaluating the effects of weekly pre-conception MM supplements in Vietnam (PRECONCEPT) for maternal and child health outcomes. She is also PI of a NIH-funded research project in collaboration with the National Institute of Public Health, Cuernavaca, Mexico that evaluates the effects of prenatal omega-3 supplements on child health and development (POSGRAD) and is currently involved in following up the offspring through 9 years of age. She has also led several systematic reviews and meta-analyses evaluating the impacts of nutrition interventions during pregnancy and early childhood. Finally, Dr. Ramakrishnan is actively involved in professional organizations including the American Society for Nutrition and regularly participates in working groups and global consultations for organizations such as the National Institutes of Health (NIH), Gates Foundation, UNICEF, World Health Organization, World Food Program, and others. She provides technical support for various projects in her field of expertise and also serves on the Research Advisory Board of the Public Health Foundation of India and Samarth, a non-governmental organization based in Chennai, India, that aims to develop research and training capacity in public health sciences in South Asia.



Scherbaum, Veronika

Veronika Scherbaum, a Senior Researcher at the Institute for Social Sciences in Agriculture, Gender and Nutrition at the University of Hohenheim. After her diploma in Nutrition Science she earned her PhD at the Institute of Biological Chemistry and Nutrition, University of Hohenheim. In addition, she graduated in Mother and Child Health (MSc) at the University of London.

Dr. Scherbaum was involved in nutrition consultancies in the emergency context in Afghanistan, Pakistan, Iraq, Sudan, Ethiopia and Zimbabwe, and has published papers on nutrition

and breastfeeding. She also edited a German-language textbook on breastfeeding, nutrition in early childhood and reproductive health. Her current research focuses on treatment and preventive strategies regarding child malnutrition, as well as nutrition during pregnancy, lactation and complementary feeding period under special consideration of locally grown foods rich in micronutrients.



Spieldenner, Jörg

Jörg Spieldenner joined the Nestlé Research Center, in Lausanne, as Head of the Public Health Nutrition Department in 2012 and is also responsible for the sustainable nutrition research programme.

Before that, he had been working at the Nestlé Nutrition Institute as Global Head of Health Economics. Jörg joined Nestlé in 2009 after a long career in Public Health having held positions as Head of the Directorate of the National Prevention Programmes in Switzerland, Professor at the University of Applied Sciences of Western Switzerland and as Executive Director of a global NGO. He was delegate and adviser to the Minister of Health in a German land and in the Directorate of external relations at the European Commission.

Jörg holds a Doctorate in Medicine, a Master in Health Economics and a Master in Sports Science and has contributed to a number of peer-reviewed publications. He is lecturing at the University of Applied Sciences in Zurich and Lausanne.



van Ameringen, Marc

Marc Van Ameringen is Executive Director of the Global Alliance for Improved Nutrition (GAIN). Under his leadership GAIN has become a leading player globally in efforts to end hunger and malnutrition. GAIN programs are today improving the lives of over 800 million people, more than half of which are women and children. In 2014, Marc was awarded the World Food Programme's 'Hunger Hero Award' and in 2010 he received the Visionary Award from Hellen Keller International.

Marc is a member of the GSK / Save the Children R&D Advisory Board and the Nutrition Advisory Board of the Lawrence Berkeley National Laboratory. He has served on the Lancet Nutrition Series Advisory Committee and the Institute of Medicine's Committee on U.S. Commitment to Global Health. In 2009, he was nominated Vice Chair of the World Economic Forum's Global Agenda Council on Nutrition.

Prior to joining GAIN, Marc was Vice President of the Micronutrient Initiative (MI), and Special Advisor to the G8 Summit within the Canadian Government's Department of Foreign Affairs and International Trade. He played a key role in supporting Nelson Mandela and the ANC in building a nonracial South Africa.



von Braun, Joachim

Joachim von Braun is Director of the Center for Development Research (ZEF), Bonn University, and Professor for economic and technological change. von Braun's main research interests are in economic development and policy, food and nutrition security, public health, science and technology policy and sustainability. He is Chair of the Bioeconomy Council of the German Government, Vice Chair of the Board of the Global Alliance for improved Nutrition (GAIN), and serves on boards of publishers of journals, including 'Science Advances'. He is Vice-President of the NGO „Welthungerhilfe“, member of the German national Academy of Science and Engineering (acatech), the Academy of North-Rhine Westphalia, and the Pontifical Academy of Sciences of the Vatican. He is Fellow of the American Association for the Advancement of Sciences, and was President of the International Association of Agricultural Economists (IAAE). He was Director General of the International Food Policy Research Institute (IFPRI) based in Washington, DC, U.S.A. from 2002 to 2009.

His awards include the Justus von Liebig Prize for World Nutrition 2011, the Bertebos Prize by the Royal Swedish Academy of Agriculture and Forestry „for outstanding work in development economics and on food, agriculture, and rural poverty“ 2009; and a honorary doctoral degree in Agricultural Economics from the University of Stuttgart-Hohenheim, Germany 2005.



von Grebmer, Klaus

Klaus von Grebmer is a Research Fellow emeritus in the International Food Policy Research Institute's Director General's Office. He was Director of IFPRI's Communications Division from 1999-2011. In 1998 he joined the World Bank within its Staff Exchange Program and was a principal operations officer in rural development. Before that, Klaus worked for 26 years in the private sector as a business consultant, health economist, and senior manager in communications and issues management. In 1998 he joined the World Bank within its Staff Exchange Program and was a principal operations officer in rural development. He has managed the publication of the Global Hunger Index since 2005. Klaus is an economist and his main interests are to improve communicating complex scientific issues to general audiences.



Walter, Bernhard

Bernhard Walter, 56, has a PhD Agricultural Science. He studied Agricultural at the University of Hohenheim in Stuttgart and subsequently worked in developmental aid in Africa. Walter has worked for Bread for the World (Brot für die Welt) in its policy department since 2005, where has worked on topics such as food security, agricultural and the environment. Among the most important topics in the field of combating world hunger, he expects that the following topics will be most widely promoted; sustainable agriculture worldwide, the adjustment of agricultural systems in the south to climate change, the debate on genetic engineering and hunger eradication, the achievement of the right to food with agricultural and land use reforms, and the responsibility of developed countries, such as those seen in the debate on biofuels and EU agricultural policy. Since 2014 Bread for the World, as one of the few non-governmental organizations in Germany, has focused on the central issue malnutrition with its motto "Sated is not enough".



Waswa, Lydia M.

Lydia M. Waswa is an Assistant Lecturer in the Department of Human Nutrition at Egerton University in Kenya. Prior to joining the university in 2007, she worked for two years as a District Nutrition Officer under the then Ministry of Health in Kenya. She has a Masters in Foods, Nutrition and Dietetics and a Bachelor degree in Education (Home Economics), both from Kenyatta University, in Kenya. She is a DAAD scholarship holder and is currently pursuing her PhD studies in Nutritional Sciences at the Justus-Liebig-University in Giessen, Germany. Her PhD study was part of a larger project, "Improving nutritional health of women and children through increased utilization of local agrobiodiversity in Kenya" (INULA), undertaken by Bioversity International, Nairobi/Kenya, in collaboration with a network of academic research institutions in Kenya, Germany, and the UK.



Weise, Stephan

Stephen joined Bioversity International in 2008 as the Director of the Commodities for Livelihoods Programme, based in our Montpellier Office in France. He was appointed Deputy Director General Research in 2011.

Before joining Bioversity International, Stephan worked for 16 years with the International Institute of Tropical Agriculture (IITA) on a variety of programmes related to tree crops, the environment, and farm diversification in the forest margins of West and Central Africa. From 2002 until he left IITA, he was the Regional Programme Manager of the Sustainable Tree Crops Programme – a public-private partnership and innovation platform that was seeking to increase the income of West and Central African cocoa farmers in an environmentally and socially responsible manner.

He was also the coordinator of the working group on agronomic/landscape sustainability in a related programme called the ASB Partnership for the Tropical Forest Margins hosted by the World Agroforestry Centre.

In addition, he spent 4 years on integrated weed management and farming systems research at the University of Guelph, Canada, after completing his PhD.



West, Keith P.

Keith P. West, Jr., Dr.P.H., R.D. is the George G. Graham Professor of Infant and Child Nutrition and Director of the Program and Center for Human Nutrition within the Department of International Health at The Johns Hopkins Bloomberg School of Public Health in Baltimore, Maryland. He is a Registered Dietitian and earned his Master's and Doctoral Degrees in Public Health at the Johns Hopkins University. Dr. West has worked in international nutrition for 35 years, conducting field trials and epidemiological studies to prevent vitamin A and other micronutrient deficiencies and their health consequences in children and women. He has worked extensively in Bangladesh, Nepal, and Indonesia. Professor West has over 180 scientific publications and was the 2007 recipient of the American Society of Nutrition's International Nutrition Prize. At the School of Public Health, he mentors doctoral and masters' students, teaches courses in International Nutrition and Food and Nutrition Policy.



Zeller, Manfred

Manfred Zeller is a senior research fellow of International Food Policy Research Institute (IFPRI) where he leads the policy research unit at HarvestPlus. He is currently on a leave of absence from the University of Hohenheim, where he has been serving as Professor for Rural Development Theory and Policy at the Faculty of Agricultural Sciences since October 2005. From 1999 until 2005, he held a senior professorship in Socioeconomics of Rural Development at the University of Goettingen, Germany, where he also served as the Director of the Institute of Rural Development. His academic work emphasizes policy-relevant and applied research encompassing the (1) assessment of the impact of food, agriculture, and rural development policies; (2) the design and validation of operational methods to measure absolute and relative poverty; (3) development policies and strategies to promote pro-poor agribusinesses, micro-enterprises, micro-finance and other rural institutions; and (4) the analysis of

agricultural technology, rural development and nature conservation policies. As a research fellow at the Food Consumption and Nutrition Division of the International Food Policy Research Institute (IFPRI) and leader of its multi-country program on rural financial policies and food security from 1993 to 1999, Prof. Zeller managed a research team and advised on national and regional policies, particularly for Ministries of Agriculture, as well as other institutions in developing countries and regions. Professor Zeller has studied agricultural sciences at the University of Bonn, and received a doctoral title in agricultural economics in 1990.



Zimmermann, Michael B.

Michael B. Zimmermann received his M.D. from Vanderbilt University School of Medicine, where he was president of the AOA Medical Honor Society. He did his postgraduate medical training at the University of California in San Francisco, and was a post-doctoral fellow at the University of California at Berkeley, where he received a M.Sc. in Nutritional Science. He is a dual citizen of Switzerland and the USA. He is currently Professor and Head of the Human Nutrition Laboratory in the Department of Health Sciences and Technology, at the Swiss Federal Institute of Technology (ETH) in Zurich, Switzerland. He is also a Visiting Professor at Wageningen University in the Netherlands, where he holds an endowed Chair in International Health and Micronutrients. Prof. Zimmermann is the Executive Director of the International Council for the Control of the Iodine Deficiency Disorders (ICCIDD) Global Network and Editor of the IDD Newsletter. His research expertise is nutrition and metabolism, including micronutrient deficiencies in developing countries. He has published over 140 peer-reviewed papers, many in the area of iodine and iron deficiency. His research on iodine deficiency has won the Mead Johnson Prize for Nutrition Research, from the American Society for Nutritional Sciences, the Endocrine Society & Pfizer International Award for Excellence in Published Clinical Research in the Journal of Clinical Endocrinology and Metabolism and the International Research Award of the American Society of Endocrinology.

LIST OF MAIN SPEAKERS, PANELISTS AND CHAIRS

(WITHOUT TITLES)

Allen, Lindsay H.

University of California,
Department of Nutrition,
Davis, USA

Amoroso, Leslie

FAO (Food and Agriculture Organization
of the United Nations),
Rome, Italy

Asare-Marfo, Dorene

HarvestPlus / IFPRI (International Food
Policy Research Institute),
Washington, DC, USA

Banerjee, Sweta

Deutsche Welthungerhilfe,
New Delhi, India

Bernhard, Wolfgang

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Wolaita Sodo University,
Wolaita Sodo, Ethiopia

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CONGRESS VENUE FROM MARCH 3 UNTIL MARCH 5, 2015

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Email: hotel.stuttgart.airport@moevenpick.com
www.moevenpick-hotels.com/stuttgart-airport

(Arrival see pages 78 and 79)



CONGRESS VENUE ON MARCH 6, 2015

University of Hohenheim, Euroforum
Kirchnerstrasse 3, 70593 Stuttgart, Germany

(Arrival see pages 80, 81 and 82)



VENUE OF THE COME TOGETHER EVENING ON MARCH 3, 2015

University of Hohenheim, Mensa
Garbenstrasse 29, 70593 Stuttgart, Germany

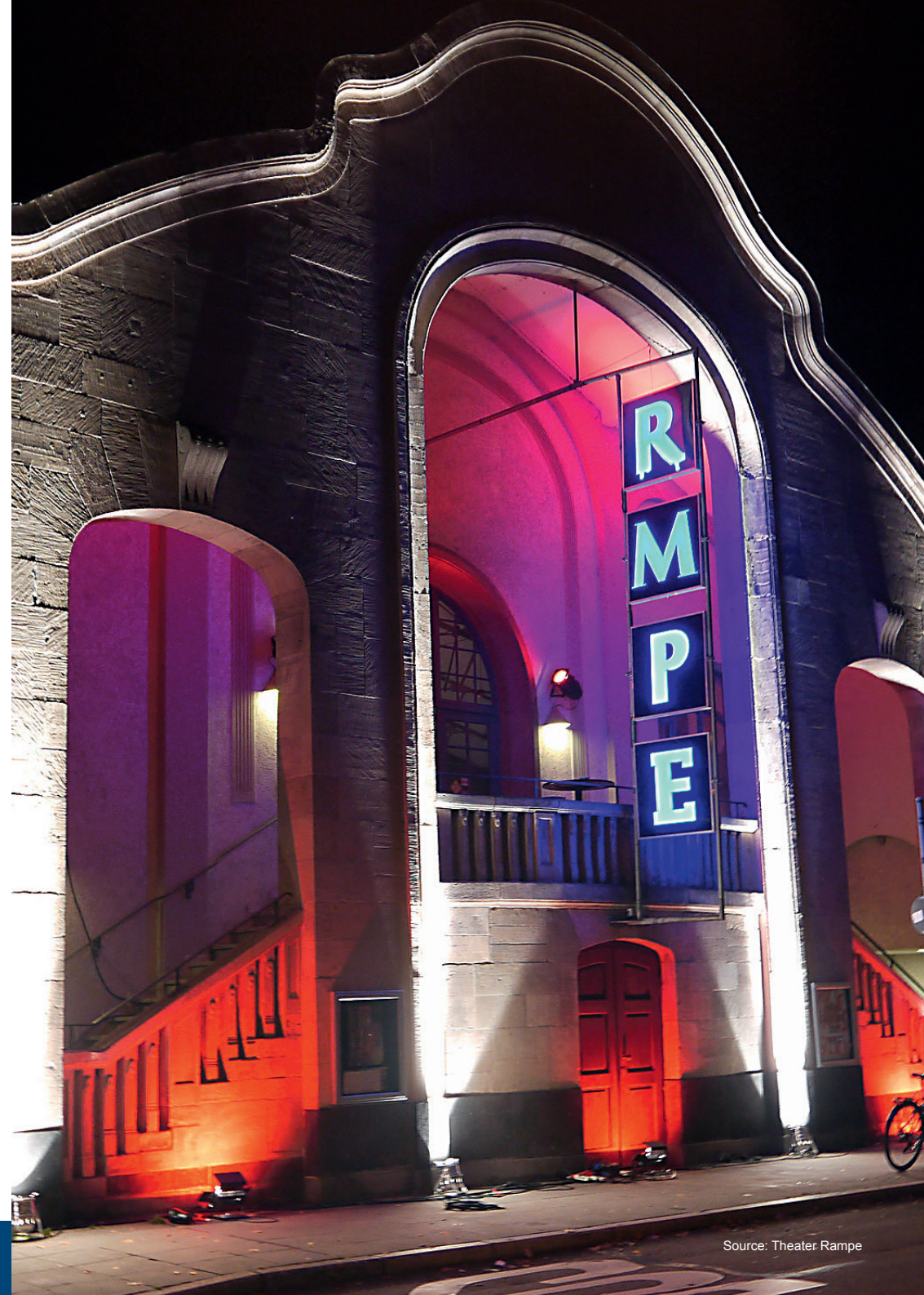
(Arrival see pages 80, 81 and 82)



**VENUE OF THE SCIENCE AND SOCIETY SESSION OF
THE SCHERING STIFTUNG
ON MARCH 5 AND MARCH 6, 2015**

Theater Rampe
Filderstrasse 47, 70180 Stuttgart, Germany

(Arrival see page 83)



HOW TO REACH THE CONGRESS VENUE: MÖVENPICK HOTEL STUTTGART AIRPORT & MESSE



Detailansicht

Direction from the Airport:

If you leave the airport via the exit in terminal 3 the Mövenpick Hotel Stuttgart Airport & Messe is located exactly opposite.

Direction by train:

From Stuttgart central station take the Tramline S2 or S3 direction Airport/Flughafen – Exit Airport/Flughafen.

Driving direction from the North:

From Hamburg:

A7 direction Wuerzburg – A3 direction Frankfurt – A81 direction Singen – A8 direction Munich – Exit Airport/Flughafen.

From Berlin: A9 direction Munich – A6 direction Heilbronn – A81 direction Singen – A8 direction Munich – Exit Airport/Flughafen.

Driving direction from the East:

From Munich:

A8 direction Karlsruhe – Exit Airport/Flughafen.

Driving direction from the South:

From Singen:

A81 direction Stuttgart – A8 direction Munich – Exit Airport/Flughafen.

Driving direction from the West:

From Duesseldorf: A61 direction Hockenheim – A6 direction Heilbronn – A81 direction Singen – A8 direction Munich – Exit Airport/Flughafen.

Additional Information:

Since 01.03.2008 there are legal environmental restrictions regarding the car emission in Stuttgart. Please see www.stuttgart.de/feinstaub for detailed information.

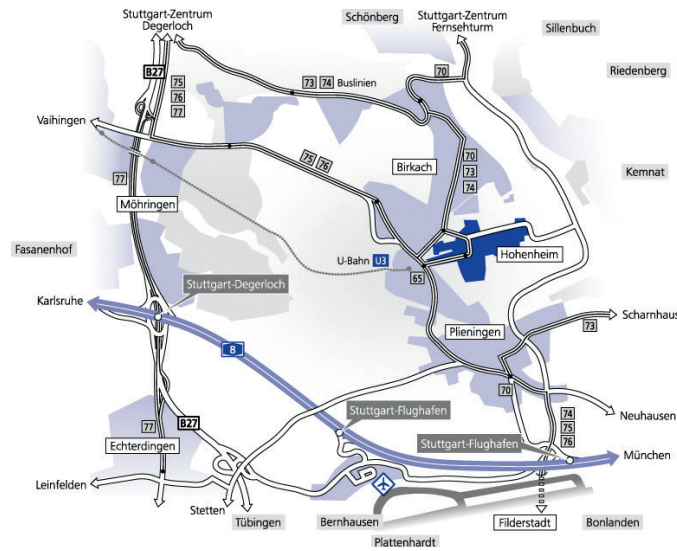
Parking:

You reach our underground parking lot by using the left entrance of the parking lot P6. The entrance of the hotel underground parking lot is marked with a corresponding sign-post. Please, take into consideration that you enter and leave on the left hand side.

e-mobility:

Make use of our electric charging station in our underground parking garage if you drive an electric car.

² VENUE OF THE LAST CONGRESS DAY (FRIDAY, MARCH 6, 2015): EUROFORUM



At Charlottenplatz (near the “Schloss” palace) turn from the B14 road (Konrad-Adenauer-Straße) into B27 (Charlottenstraße) and carry straight on. The road will become a dual carriageway later on. Take exit S-Hohenheim. Follow the signs for S-Plieningen/ S-Hohenheim for some kilometres until you reach S-Plieningen. Turn left towards Hohenheim university. At next opportunity turn right. Follow the street until you reach the car park.

Motorway A8, exit Stuttgart-Flughafen/
S-Hohenheim, keep left and follow
signs towards S-Hohenheim. In Plie-
ningen turn left towards Universität
Hohenheim. When you reach the
traffic circle, take the first exit. Follow
the street until you reach the car park.

Motorway A8, exit S-Plieningen/S-Hohenheim, keep right and follow signs towards S-Hohenheim. After approx. 4 km turn left towards Universität Hohenheim. After a sharp bend you will reach the university car park.

Take the U7 underground/tram line (leaving from low level station) towards Ostfildern. Exit at station “Ruhbank (Fernsehturm)”, change for bus number 70 towards Plieningen, which stops at Universität Hohenheim.

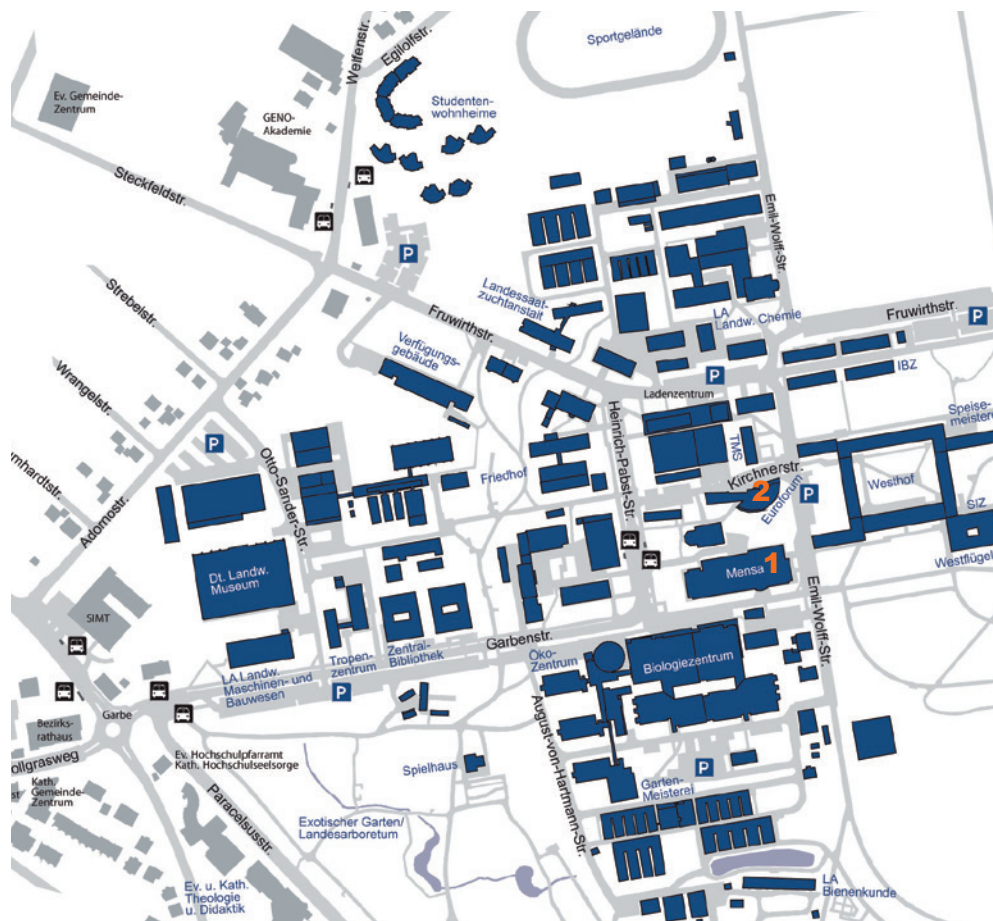
Time: approx. 25 mins.

Take the bus number 79 towards „Plieningen Garben“. Exit at „Plieningen Garbe“. Alternatively, take the bus number 122 towards Esslingen. At “Plieningen Post” change for bus number 70 towards Ruhbank/Fernsehturm or bus numbers 74/76 towards Degerloch. Exit at “Universität Hohenheim”.

Time: approx. 15 mins.

Universität Hohenheim is easily reachable by bicycle from the surrounding districts. With the help of a route planner, provided by the VVS (public transport) and the “Radinitiative” of the Universität Hohenheim, you can put together individual bicycle routes in combination with public transportation.

LOCATION OF THE MENSA¹ AND THE EUROFORUM²



¹ Mensa at the University of Hohenheim

² Euroforum at the University of Hohenheim

³ Bus stop (No. 79)

HOW TO REACH THE THEATER RAMPE

Public transport from Stuttgart rail station:

Coming by train:

U14 towards Heslach
from Hauptbahnhof

to Marienplatz

Travel time: 11 minutes

Coming by taxi:

Fare approx. 15 Euros

Travel time: 10 minutes

Coming by foot:

- Exit the station towards Königstraße
- Head southwest on Königstraße towards Kronenstraße (1.1 km)
- Turn left staying on Königstraße
- Turn right onto Tübinger Straße
- Turn left onto Kolbstraße
- Turn right onto Lehenstraße
- Turn right onto Filderstraße

Arrival at Theater Rampe

Travel time: 32 minutes

Coming by bicycle:

- Exit the station towards Lautenschlagerstraße
- Head southwest on Lautenschlagerstraße toward Kronenstraße

- Turn right toward Theodor-Heuss-Straße/B27

- Turn left onto Theodor-Heuss-Straße/B27

- Turn left onto Rotebühlplatz

- Continue on Königstraße

- Turn right onto Tübinger Straße

- Turn left onto Kolbstraße

- Turn right onto Lehenstraße

- Turn right onto Filderstraße

Arrival at Theater Rampe

Travel time: 11 minutes

Public transport from Stuttgart airport:

Coming by airplane:

S2 towards Schorndorf

S3 towards Backnang

from Flughafen/Messe (Airport)
to Feuersee

43 towards Killesberg

from Feuersee

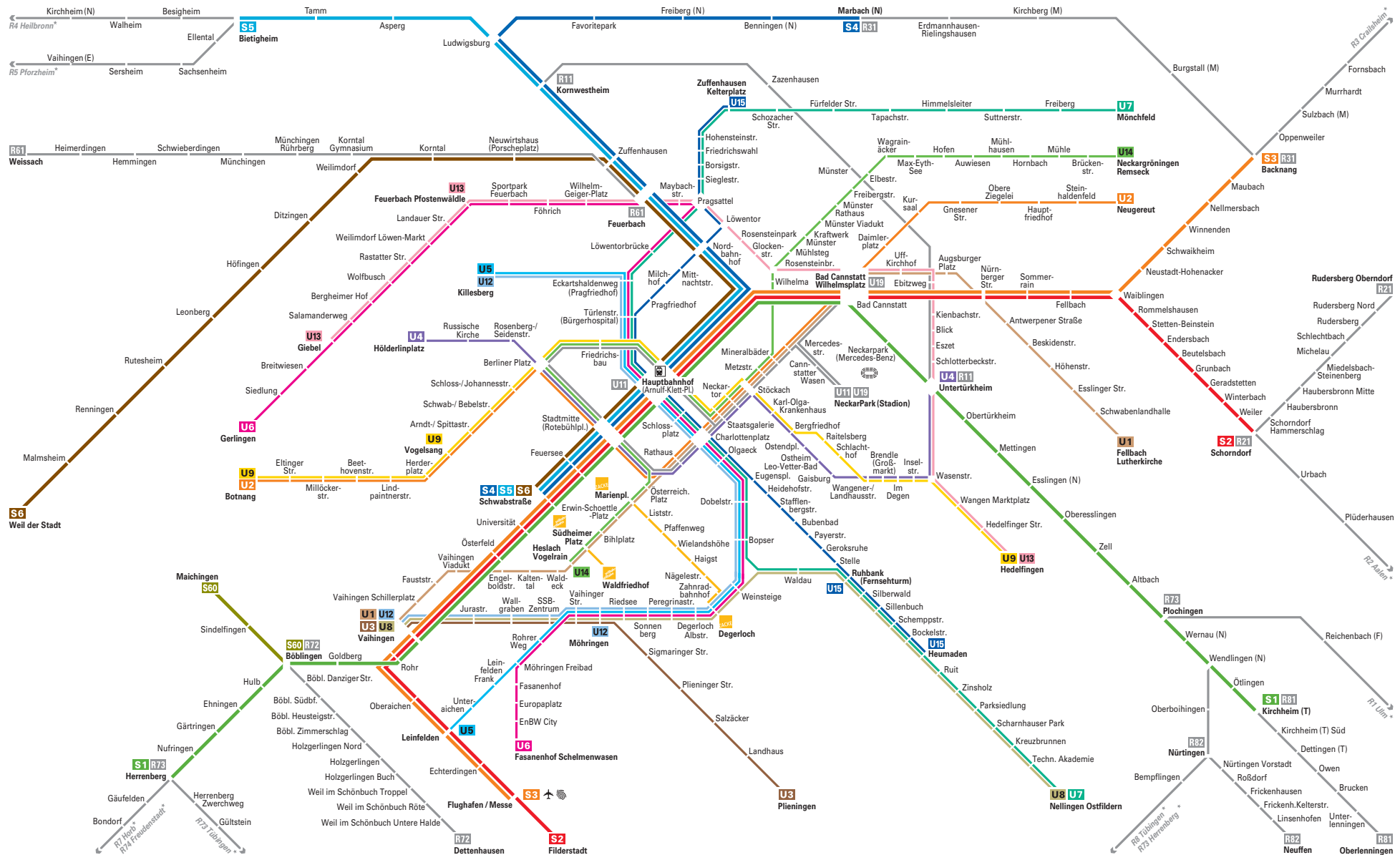
to Lehenstraße

Travel time: 43 minutes

Coming by taxi:

Fare approx. 30 Euros

Travel time: 20 minutes



* nicht im VVS-Tarif

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Source: University of Hohenheim

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PREPRESS

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PRINT

Geldsetzer & Schäfers GmbH

February 2015



Source: UN Photo, Martine Perret

In cooperation with:



GERMAN SOCIETY OF PEDIATRICS
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FSC's activities are funded by:

With the financial support of

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