

DIGITAL INNOVATION IN NUTRITIONAL EPIDEMIOLOGY

SUMMER SCHOOL

25 - 29 AUGUST 2025

Conference room, Center for Development Research, Genscherallee 3, 53113 Bonn

PROGRAM

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MON

- 09:00 - 10:30 **INTRODUCTION OF COURSE AND PARTICIPANTS**
Ina Danquah - University of Bonn
COFFEE BREAK (30 MINUTES)
- 11:00 - 12:30 **INTRODUCTION TO NUTRITIONAL EPIDEMIOLOGY**
Ina Danquah - University of Bonn
LUNCH BREAK (60 MINUTES)
- 13:30 - 15:00 **AUTOMATIC FOOD INTAKE MONITORING**
Chunzhuo Wang - KU Leuven
COFFEE BREAK (30 MINUTES)
- 15:30 - 17:00 **ASSESSMENT OF DIETARY DETERMINANTS**
N.N.



26
TUE

- 09:00 - 10:30 **SENSORS AND APPS TO MEASURE INTERNAL EXPOSURE**
Linda Klasen - University of Bonn
COFFEE BREAK (30 MINUTES)
- 11:00 - 12:30 **PRACTICAL SESSION**
Linda Klasen - University of Bonn
LUNCH BREAK (60 MINUTES)
- 13:30 - 15:00 **METABOLOMICS FOR DIETARY PATTERN ANALYSIS**
Carl Brunius, Chalmers University Gothenburg
COFFEE BREAK (30 MINUTES)
- 15:30 - 17:00 **PRACTICAL SESSION**
Carl Brunius, Chalmers University Gothenburg

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WED

- 09:00 - 10:30** **OPTIMIZATION MODELLING FOR SUSTAINABLE DIET**
Gabriel Kallah-Dagadu - University of Ghana
COFFEE BREAK (30 MINUTES)
- 11:00 - 12:30** **PRACTICAL SESSION**
Gabriel Kallah-Dagadu - University of Ghana
LUNCH BREAK (60 MINUTES)
- 13:30 - 15:00** **EXCURSION: CLIMATE CHAMBER**
Alina Klaus - University of Bonn
COFFEE BREAK (30 MINUTES)
- 15:30 - 17:00** **DINNER TOGETHER**
All participants and speakers



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THU

- 09:00 - 10:30** **APP-BASED BEHAVIOUR CHANGE INTERVENTION**
Elisabeth Lindner - University of Heidelberg
COFFEE BREAK (30 MINUTES)
- 11:00 - 12:30** **PRACTICAL SESSION**
Elisabeth Lindner - University of Heidelberg
LUNCH BREAK (60 MINUTES)
- 13:30 - 15:00** **VISUALIZATION FOR RISK COMMUNICATION AND PREVENTION**
Kristina Lindvall - Umeå University
COFFEE BREAK (30 MINUTES)
- 15:30 - 17:00** **PRACTICAL: INTERACTIVE FOOD MARKET**
Museum König

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FRI

09:00 - 10:30

**CONTINUOUS GLUCOSE MONITORING (CGM)
FOR LIFESTYLE PROGRAM**

Carol Abidha - University of Bonn

COFFEE BREAK (30 MINUTES)

11:00 - 12:30

**NUTRITION DIGITAL INTERVENTION IN LOW- AND
MIDDLE-INCOME COUNTRIES**

Lukas Kurniawan - University of Bonn

LUNCH BREAK (60 MINUTES)

13:30 - 15:00

SITE VISIT

All participants and speakers

COFFEE BREAK (30 MINUTES)

15:30 - 17:00

FEEDBACK AND FAREWELL

Ina Danquah - University of Bonn

