



UNIVERSITY OF  
HOHENHEIM



AMAIZE-P

Fourth Block Seminar of the 2<sup>nd</sup> Cohort  
P Nutrition and Recovery  
20-24 March 2023 (hybrid)



Sino-German International Research Training Group AMAIZE-P

中德国际研究培训项目

Adaptation of maize-based food-feed-energy systems  
to limited phosphate resources

粮食-饲料-能源玉米生产系统磷资源高效利用

Funded by  
**DFG** Deutsche  
Forschungsgemeinschaft (GRK 2366)  
German Research Foundation

**Thursday, 09 March 2023:**

**Educational contents for doctoral researchers at the University of Hohenheim: 18 participants**

**Venue: Lecture hall HS 35 (Kavaliershaus 4), Fruwirthstrasse 48**

09:00-12:00	Biostatistics Workshop, morning session	Prof. Dr. Hans- Peter Piepho	Biostatistics Unit, Institute of Crop Science, University of Hohenheim
10:30	<b>Group photo</b> and coffee break		
12:15-13:15	Lunch at University "Mensa"		
13:15-17:00	Biostatistics Workshop, afternoon session	Prof. Dr. Hans- Peter Piepho	Biostatistics Unit, Institute of Crop Science, University of Hohenheim

**Monday, 20 March 2023: Fourth block seminar of IRTG AMAIZE-P 2<sup>nd</sup> cohort (Day 1)****Venues: Hohenheim: Lecture hall HS 35 (Kavaliershaus 4), Fruwirthstrasse 48****China:**

CET Beijing time	Content	Speakers	Title/organization
<b>Welcome addresses</b>			
Chairpersons: Dr. Marco Roelcke, Prof. Dr. Xuejun Liu			
08:30-08:40 15:30-15:40	Welcome addresses	Prof. Dr. Ralf T. Vögele Prof. Dr. Lixing Yuan	Dean, College of Resources & Environmental Sciences, CAU Dean, Faculty of Agricultural Sciences, UHOH
08:40-08:50 15:40-15:50	Welcome addresses	Prof. Dr. Fusuo Zhang Prof. Dr. Torsten Müller	College of Resources & Environmental Sciences, CAU Institute of Crop Science, UHOH
<b>Session I: Scientific talk by invited speaker</b>			
Chairpersons: Mr. Gero Becker, Prof. Dr. Tao Zhang			
08:50-09:35 15:50-16:35	Artec HTC – A concept for a decentralized wastewater treatment	Mr. Michael Diestel, Director	Companies: Artec HTC GmbH, Agrokraft GmbH, Bad Neustadt a. d. Saale, Germany
09:35-10:05 16:35-17:05	<b>Group photo: Coffee break UHOH</b> <b>Group photo: Tea break CAU</b>		
<b>Session II: Two scientific talks by invited speakers</b>			
Chairpersons: Prof. Dr. Torsten Müller, Prof. Dr. Tao Zhang			
10:05-10:50 17:05-17:50	Best Practice in wastewater technology: phosphorus recycling by electroflotation	Ms. Hanna Fries, Elsenfeld, Germany	Winner of “Jugend Forscht” German national contest in Chemistry in 2022
10:50-11:35 17:50-18:35	Full treatment of biogas digestates with integrated phosphate recovery	Mr. Fabian Geltz, Engineer, Process Engineering	Geltz Umwelttechnologie GmbH, Mühlacker, Germany
11:35-11:45 18:35-18:45	Closing remarks and announcements Day 1		
11:45-13:00 18:45-20:00	Lunch at UHOH (Mensa) (self-organized) Dinner at CAU (self-organized)		

ZOOM Meeting Day 1 (20 March): 07:30 h CET, 14:30 h Beijing time

<https://uni-hohenheim.zoom.us/j/82303051833?pwd=NG03VFA0S2ZSeXhhdFNkY1g1a2FMQT09>

Meeting ID: 823 0305 1833

Passcode: 6QPWDU

**Tuesday, 21 March 2023: Fourth block seminar of IRTG AMAIZE-P 2<sup>nd</sup> cohort (Day 2)**

**Venues: Hohenheim: Lecture hall HS 35 (Kavaliershaus 4), Fruwirthstrasse 48**

**China:**

CET Beijing time	Content	Speakers	Title/organization
<b>Session I: Presentations by (post-)doctoral researchers 1</b>			
Chairpersons: Dr. Konstantin Dinkler, Assoc. Prof. Dr. Lingyun Cheng			
08:00-08:25 15:00-15:25	RS 3.1 (2 presenters)	7.5 min. (post-)doctoral researcher UHOH + 7.5 min. doctoral researcher CAU + 10 min. discussion, same for all below	
08:25-08:50 15:25-15:50	RS 3.2 (2 presenters)		
08:50-09:15 15:50-16:15	RS 3.3 (2 presenters)		
09:15-09:55 16:15-16:55	RS 3.4 (4 presenters, incl. Dr. Muhammad-Jamal Alhnidi on German side)		
09:55-10:15 16:55-17:15	Coffee break UHOH Tea break CAU		
<b>Session II: Presentations by (post-)doctoral researchers 2</b>			
Chairpersons: Dr. Marco Roelcke, Prof. Dr. Laping Wu			
10:15-10:40 17:15-17:40	RS 4.1 (2 presenters)	7.5 min. (post-)doctoral researcher UHOH + 7.5 min. doctoral researcher CAU + 10 min. discussion, same for all below	
10:40-11:05 17:40-18:05	RS 4.2 (2 presenters)		
11:05-11:30 18:05-18:30	SA 4 (2 presenters): Mr. Pranav Patil on the German side, Ms. Xiaoxiao Li (RS 4.3) on the Chinese side)		
Chairpersons: Dr. Kirsten Boysen-Urban, Prof. Dr. Laping Wu			
11:30-12:03 18:30-19:03	RS 2.1 (3 presenters)		
12:03-12:28 19:03-19:28	RS 2.3 (2 presenters)		
12:28-12:30 19:28-19:30	Closing remarks and announcements Day 2		
12:30-13:00 19:30-20:00	Lunch at UHOH (Mensa) (self-organized) Dinner at CAU (self-organized)		

ZOOM Meeting Day 2 (21 March): 07:30 h CET, 14:30 h Beijing time

<https://uni-hohenheim.zoom.us/j/87520479332?pwd=Z0d3NFdCejc3U2tjVkNHbW1yNHh1Zz09>

Meeting ID: 875 2047 9332

Passcode: PY93B2

**Wednesday, 22 March 2023: Fourth block seminar of IRTG AMAIZE-P 2<sup>nd</sup> cohort (Day 3)****Venues: Hohenheim: Lecture hall HS 35 (Kavaliershaus 4), Fruwirthstrasse 48****CAU:**

CET Beijing time	Content	Speakers	Title/organization
<b>Session I: Two scientific talks by invited speakers</b>			
Chairpersons: Jun.-Prof. Dr. Amélia Da Silva, Dr. Shimeng Huang			
08:00-08:50 15:00-15:50	Highlights from studies on poultry microbiome: what is still missing to turn research into innovation	Prof. Dr. Alessandra De Cesare	University of Bologna, Bologna, Italy
08:50-09:40 15:50-16:40	Advatures on deep understanding of feed values and precisional formulation of pig diet	Prof. Dr. Junjun Wang	China Agricultural University (CAU), Beijing, China
09:40-10:15 16:40-17:15	Coffee break UHOH Tea break CAU		
<b>Session II: Scientific talk by invited speaker</b>			
Chairpersons: Prof. Dr. Torsten Müller, Prof. Dr. Lixing Yuan			
10:15-11:00 17:15-18:00	Mineral bioavailability across a wheat supply chain	Prof. Dr. Friedrich Longin	State Plant Breeding Institute, University of Hohenheim

**Session III: Educational session (interactive) for German & Chinese doctoral researchers (hybrid)**

Chairpersons: Dr. Marco Roelcke, Assoc. Prof. Dr. Lingyun Cheng

11:00-11:55 18:00-18:55	Workshop on 'Pitching your research to a target audience'	Prof. Dr. Susanne Schmidt	University of Queensland, Australia
11:55-12:00 18:55-19:00	Remarks and announcements Day 3		
12:00-13:00 19:00-20:00	Lunch at UHOH (Mensa) (self-organized) Dinner at CAU (self-organized)		

**Session IV: Scientific talk by invited speaker**

Chairpersons: Prof. Dr. Jan Frank, Prof. Dr. Jianfen Liang (CAU)

14:00-15:00 21:00-22:00	Potential of Peruvian maize biodiversity as a source of bioactive compounds with health-relevant functionality	Prof. Dr. Lena Gálvez Ranilla	Catholic University Santa Maria, Arequipa, Peru
----------------------------	--	-------------------------------	---

ZOOM Meeting Day 3 (22 March): 07:30 h CET, 14:30 h Beijing time

<https://uni-hohenheim.zoom.us/j/89591260375?pwd=V1dlVFNMTjVlg1THovN0V0SSStPdz09>

Meeting ID: 895 9126 0375

Passcode: XGaK6C

**Thursday, 23 March 2023: Fourth block seminar of IRTG AMAIZE-P 2<sup>nd</sup> cohort (Day 4)****Venues: Hohenheim: Lecture hall HS 20, Garbenstrasse 13, ground floor****China:**

CET Beijing time	Content	Speakers	Title/organization
<b>Session I: Advisory Board Meeting, including German and Chinese Principal Investigators and Senior Researchers (hybrid)</b>			
Chairpersons: Prof. Dr. Torsten Müller, Prof. Dr. Lixing Yuan			
08:00-09:00 15:00-16:00	Discussion of general and specific issues, agenda t.b.d. by Advisory Board		
<b>Session II: Presentations by (post-)doctoral researchers 3</b>			
Chairpersons: Dr. Sebastian Munz, Assoc. Prof. Dr. Wenxin Liu			
09:00-09:25 16:00-16:25	RS 1.1 (2 presenters)	7.5 min. (post-)doctoral researcher UHOH + 7.5 min. doctoral researcher CAU + 10 min. discussion, same for all below	
09:25-10:15 16:25-17:15	RS 1.2 (5 presenters)		
10:15-10:35 17:15-17:35	Coffee break UHOH Tea break CAU		
<b>Session III: Presentations by (post-)doctoral researchers 4</b>			
Chairpersons: Dr. Christian Sponagel, Assoc. Prof. Dr. Lin Zhang			
10:35-11:08 17:35-18:08	RS 1.3 (3 presenters)	7.5 min. (post-)doctoral researcher UHOH + 7.5 min. doctoral researcher CAU + 10 min. discussion, same for all below	
11:08-11:56 18:08-18:56	RS 2.2 (5 presenters, incl. Mr. Ali Kurdestani, Mr. Benedikt Müller on German side)		
11:56-12:36 18:56-19:36	RS 2.4 (4 presenters)		
12:36-12:40 19:36-19:40	Closing remarks and announcements Day 4		
12:45-13:30 19:45-20:30	Lunch at UHOH (Mensa) (self-organized) Dinner at CAU (self-organized)		

ZOOM Meeting Day 4 (23 March): 07:30 h CET, 14:30 h Beijing time

<https://uni-hohenheim.zoom.us/j/88286011141?pwd=L0pmZk52TnhmQVRxelZDS1JHYWNYUT09>

Meeting ID: 882 8601 1141

Passcode: 29R6y1

## Excursion

**Thursday, 23 March 2023 afternoon (Day 4)**

**Departure: 14:00 h** from bus stop “Universität Hohenheim” (Heinrich-Pabst-Strasse) in Hohenheim  
14:00-14:30 h: Drive to Esslingen by coach

Time (CET)	
15:00-16:30	Guided visit of Kessler Sektkellerei in 73728 Esslingen <a href="https://www.kessler-shop.de/">https://www.kessler-shop.de/</a>
16:45-17:30	Short guided city tour by Ms. Andrea Zeh
17:45-19:45	Supper (self-paying). Location: Weinkeller Einhorn, Heugasse 17, 73728 Esslingen

**Departure: 20:00 h:** Return to Heinrich-Pabst-Strasse in Stuttgart-Hohenheim. **Arrival: 20:30 h (approx.)**

## Excursion

**Friday, 24 March 2023: Fourth block seminar of IRTG AMAIZE-P 2<sup>nd</sup> cohort (Day 5)**

**Departure: 07:30 AM** from bus stop “Universität Hohenheim” (Heinrich-Pabst-Strasse) in Hohenheim

**Morning visit: Experimental Station “Unterer Lindenhof” of University of Hohenheim: 72183**  
Eningen unter Achalm

<https://versuchsstation.uni-hohenheim.de/en/lindenhoefe-en>

Time (CET)			
09:00-10:30	Visit of biorefinery technicum	Prof. Dr. Andrea Kruse, Mr. Gero Becker	RS 3.4
10:30-12:00 (approx.)	Visit of the pig facility	Prof. Dr. Amélia Camarinha Silva	RS 3.2
12:15 h transfer by bus to Arbachtalstraße 6, 72183 Eningen unter Achalm			
12:20-13:30	Lunch break at “La Cantina“, Arbachtalstraße 6, Eningen unter Achalm		
13:35 h return by bus to Unterer Lindenhof, 72183 Eningen unter Achalm			
<b>Afternoon visit: Experimental Station “Unterer Lindenhof” of University of Hohenheim: 72183</b> Eningen unter Achalm			
13:45-16:00 (approx.)	Visit of biogas plant and related installations, incl. LNG plant under construction	Dr. Hans Oechsner	RS 3.3

**Departure: 16:30 h (approx.):** Return by coach to Heinrich-Pabst-Strasse in Stuttgart-Hohenheim  
**Arrival: 17:30 h (approx.)**

For excursions on 23 and 24 March 2023 see maps on p. 21 and 22.

**Wednesday, 29 March 2023:**

**Educational contents for doctoral researchers at the University of Hohenheim: 19 participants**

**Venue: Lecture hall HS 35 (Kavaliershaus 4), Fruwirthstrasse 48**

08:30-12:00	Intercultural Training Workshop, morning session	Assistant Prof. Dr. Franziska Plümmer	Dept. of European Studies, University of Amsterdam
10:00-10:15	<b>Group photo</b> and coffee break		
12:00-13:00	Lunch at University "Mensa"		
13:00-16:00	Intercultural Training Workshop, afternoon session	Assistant Prof. Dr. Franziska Plümmer	Dept. of European Studies, University of Amsterdam



## Short biographical profiles of invited speakers



**Assoc. Prof. Dr. Alessandra De Cesare**

Department of Veterinary Medical Sciences

University of Bologna, Bologna, Italy

E-mail: [alessandra.decesare@unibo.it](mailto:alessandra.decesare@unibo.it)

**Biographical Sketch:** Alessandra De Cesare is Associate Professor in Food Inspection and Safety of Foods of Animal Origin at the Department of Veterinary Medical Sciences of the University of Bologna. She has three teaching courses in the degrees of Veterinary medicine, Food science and technology, Food animal metabolism and management in the circular economy.

She is, and has been, involved in European projects addressing: (1) metagenomic sequencing of food animal systems (H2020 projects CIRCLES 818290, VEO 874735 and COMPARE 643476); (2) implementation of innovative teaching strategies for the next generation of professionals in the agri-food system (H2020 project NextFood 771738; Una Europa Projects Virtual Slaughterhouse VSS and NEXTVET); (3) categorization of ingredient combinations and preparation procedures improving safety of artisanal (PRIMA project ArtisaneFood) and RTE foods (FP7 project STARTEC 289262); (4) fit for purpose sampling schemes for specific food/risk combinations (FP7 project BASELINE 222738).

She is author of 128 peer reviewed papers and is member of the EFSA BIOHAZ panel since October 2018.



**Mr. Michael Diestel – Director**

Companies: Artec HTC GmbH, Agrokraft GmbH  
Berliner Str. 19 A

97616 Bad Neustadt a. d. Saale, Germany

E-mail: [Michael.Diestel@BayerischerBauernVerband.de](mailto:Michael.Diestel@BayerischerBauernVerband.de)

**Biographical Sketch:** Michael Diestel, 58 years old, married, 2 children. Dipl. Agricultural engineer (FH), 30 years with the Bayerischer Bauernverband (Bavarian Farmers' Association, BBV), 29 years of which as managing director in the BBV district association Rhön-Grabfeld.

Managing director and Co-Founder of Artec HTC GmbH (since 2009), Agrokraft GmbH (since 2006), board member of Friedrich-Wilhelm Raiffeisen Energie eG. His motto was: "What is not possible for one person, many can do it". (Friedrich Wilhelm Raiffeisen, 1818-1888) and "Gemeinschaft: Menschen bewegen". Michael Diestel implements the projects in strong communities, which are primarily supported by farmers. Use the potential of rural areas, under the motto "The money of the village, the village".

Artec HTC GmbH is a startup developing decentralized hydrothermal carbonization (HTC) technology. Agrokraft GmbH develops projects in the field of renewable energies, agriculture and regional development, as implemented in decentralized and organized companies. There are also projects in the field of nature, environment, species, soil and water protection.

The basic conviction of Michael Diestel and his comrades-in-arms: There is a solution for everything. We find these in rural areas and in a sustainable circular economy.



**Ms. Hanna Fries**

Julius-Echter-Gymnasium (high school)

Elsenfeld, Germany

E-mail: [hannafries765@gmail.com](mailto:hannafries765@gmail.com)

**Biographical Sketch:** Winner of “Jugend Forscht” German national contest in chemistry in 2022.

(photo: © Julius-Echter-Gymnasium. From left to right: Hannah Amrhein, Hanna Fries, Lena Fries)



**Prof. Dr. Lena Gálvez Ranilla**

Laboratory of Research in Food Science  
Faculty of Biological and Chemical Sciences and Engineering  
Catholic University of Santa Maria, Arequipa, Peru  
E-mail: [lgalvez@ucsm.edu.pe](mailto:lgalvez@ucsm.edu.pe)

**Biographical Sketch:** Dr. Gálvez has a PhD in Food Science (2008, University of Sao Paulo, Brazil) with one-year of doctoral research at the University of Massachusetts (Department of Food Science, USA). She worked as an associate professor at the Pontifical Catholic University of Valparaiso (PUCV, Chile), from 2009-2015. Currently, she leads the Laboratory of Research in Food Science at the Catholic University of Santa Maria (Peru) (2017 to present).

Dr. Gálvez' research has been focused on the study of the Latin-American food biodiversity as a potential source of bioactive compounds with health-relevant functional properties. She has led research projects funded by the CONICYT (National Commission of Scientific and Technological Research, Chile), Concytec (National Council for Science and Technology, Peru), and Newton-Paulet (British Council-Concytec) targeting the valorization of crop diversity with focus on native maize. Currently, Dr. Gálvez group is aimed at applying omic-based technologies for the characterization and value addition of Peruvian crop diversity from Andean food systems, and with relevance for nutrition and health.



**Mr. Fabian Geltz, Graduate engineer process technology**  
Geltz Umwelttechnologie GmbH  
Kerschensteinerstr. 6  
75417 Mühlacker, Germany  
E-mail: [fabian.geltz@geltz.com](mailto:fabian.geltz@geltz.com)

**Biographical Sketch:** Fabian Geltz studied process engineering at TU Dresden and achieved the degree graduate engineer (Diplomingenieur) in 2016. Since 2014 he worked on phosphate recovery from biogas digestate.

Since 2017, Mr. Geltz works in the family business Geltz Umwelttechnologie GmbH, where he is managing director since 2022. Mr. Geltz managed several research projects in the field of nutrient recovery from digestates, including the build-up and operation of an industrial scale plant which uses the “NuTriSep”-process. Currently he works on a large-scale prototype for the production of highgrade peat substitutes from digestates.



**Prof. Dr. Friedrich Longin**

Head of Wheat Group

State Plant Breeding Institute (720)

University of Hohenheim, Stuttgart, Germany

E-mail: [friedrich.longin@uni-hohenheim.de](mailto:friedrich.longin@uni-hohenheim.de)

**Biographical Sketch:** Friedrich Longin studied agricultural biology at the University of Hohenheim with the main focus on biotechnology and plant breeding. He did his PhD about optimized maize breeding schemes in a DFG-funded Sino-German research training group at the University of Hohenheim and the China Agricultural University in Beijing.

After a short Post-Doc and parental leave, he joined Limagrain Europe as a maize breeder for France and Spain. Since 2010, Friedrich Longin is the head of the wheat group at the State Plant Breeding Institute of the University of Hohenheim. He did his habilitation at University of Hohenheim in 2016 and received the title "apl. Prof." in 2019.

Beside his activities at Hohenheim, he gives lectures at the University of Montpellier and the German baker school Akademie des deutschen Bäckerhandwerks. Longin's efforts around establishment of alternative crops led to considerable market shares of products made with Spelt, Emmer and Einkorn based mainly on varieties bred at University of Hohenheim.

(photo: Steffen Hoeft)



**Prof. Dr. Susanne Schmidt**

School of Agriculture and Food Sciences  
University of Queensland, Brisbane, Australia  
E-mail: [susanne.schmidt@uq.edu.au](mailto:susanne.schmidt@uq.edu.au)

**Biographical Sketch:** Prof. Dr. Susanne Schmidt is an educator and researcher at the University of Queensland, Australia. Her interdisciplinary research focusses on plant nutrition and soil fertility in sub/tropical agriculture, natural and disturbed ecosystems.

Plant-microbe-soil interactions are the centre of her interests, seeking sustainable practices that reduce pollution, optimise nutrient use and boost soil carbon sequestration. Current research restores savanna grazing lands, supports Australia's Indigenous people to advance native plant foods, and advances next-generation fertilisers.

Prof. Dr. Susanne Schmidt studied Agricultural Biology at the University of Hohenheim until 1992. She completed a PhD in Botany at the University of Queensland in 1996, where she has worked ever since, fascinated by Australia's diverse flora and some of the world's most nutrient impoverished soils.



**Prof. Dr. Junjun Wang**

State Key Laboratory of Animal Nutrition  
College of Animal Science and Technology  
China Agricultural University, Beijing, China  
E-mail: [wangjj@cau.edu.cn](mailto:wangjj@cau.edu.cn)

**Biographical Sketch:** Prof. Dr. Junjun Wang is a professor at the College of Animal Science and Technology of China Agricultural University. His research interests are: Nutritional evaluation of pig feed; Physiological defects and nutritional regulation of intrauterine growth restricted (IGR) pig.

**Positions held:**

- Associate Dean: College of Animal Science and Technology, China Agricultural University
- Assistant Director: Ministry of Agriculture and Rural Affairs Feed Industry Centre (MAFIC)
- Co-Editor in Chief: Animal Models and Experimental Medicine, 2018-
- Associate Editor: Animal Nutrition, 2020-
- Editorial Board Member: Journal of Animal Science and Biotechnology, 2019-
- Vice President: Beijing Society of Animal Husbandry and Veterinary Medicine, 2019-

**Professional and Education Experience:**

- 2013.12-present: Professor, China Agricultural University, Beijing, China
- 2007.9-2013.12: Associate professor, China Agricultural University, Beijing, China
- 2005.7-2007.8: Postdoc, China Agricultural University, Beijing, China
- 2002.9-2005.6: Ph.D., Beijing Institute of Biotechnology, Beijing, China
- 1993.9-2002.7: B.S., M.S., University of Agriculture and Animal Science, Changchun, China
- 2016.12-2017.7: Senior Visiting Scholar, University of California, Davis, CA
- 2009.11-2010.11: Visiting Scholar, Texas A&M University, College Station, TX
- 2005.11-2006.11: Visiting Scholar & Postdoc, Texas A&M University, College Station, TX

**Publications:**

- Zhang S, Bai Y, Zhang S, Han D, Wang J\*. Improving the nutritional provision for pigs by considering digestive and fermentative characteristics of the feed ingredient. Science Foundation in China. 2020, 28(2): 67-78.
- Wang Z, Bai Y, Pi Y, Gerrits WJJ, de Vries S, Shang L, Tao S, Zhang S, Han D, Zhu Z, Wang J\*. Xylan alleviates dietary fiber deprivation-induced dysbiosis by selectively promoting *Bifidobacterium pseudocatenulatum* in pigs. Microbiome. 2021 Nov 21;9(1):227.
- Ye H, Langendijk P, Jaworski NW, Wu Y, Bai Y, Lu D, Page G, Kemp B, Han D, Soede NM\*, Wang J\*. Protein digestion kinetics influence maternal protein loss, litter growth, and nitrogen utilization in lactating sows. Front Nutr. 2022 Mar 21;9:862823.
- Pi Y, Wu Y, Zhang X, Lu D, Han D, Zhao J, Zheng X, Zhang S, Ye H, Lian S, Bai Y, Wang Z, Tao S, Ni D, Zou X, Jia W, Zhang G, Li D, Wang J\*. Gut microbiota-derived ursodeoxycholic acid alleviates low birth weight-induced colonic inflammation by enhancing M2 macrophage polarization. Microbiome. 2023 Jan 31;11(1):19.



## Participants List

### Invited speakers

1. Assoc. Prof. Dr. Alessandra De Cesare, University of Bologna, Bologna, Italy
2. Mr. Michael Diestel, Company Artec HTC GmbH, Bad Neustadt a. d. Saale, Germany
3. Ms. Hanna Fries, Julius-Echter-Gymnasium, Elsenfeld, Germany
4. Mr. Fabian Geltz, Company Geltz Umwelttechnologie GmbH, Mühlacker, Germany
5. Prof. Dr. Friedrich Longin, State Plant Breeding Institute, University of Hohenheim
6. Prof. Dr. Lena Gálvez Ranilla, Catholic University of Santa Maria, Arequipa, Peru
7. Prof. Dr. Susanne Schmidt, University of Queensland, Brisbane, Australia
8. Prof. Dr. Junjun Wang, China Agricultural University (CAU), Beijing, China
  
9. Prof. Dr. Hans-Peter Piepho, Institute of Crop Science, University of Hohenheim
10. Dr. Jens Hartung, Institute of Crop Science, University of Hohenheim
11. Assistant Prof. Dr. Franziska Plümmer, University of Amsterdam

### Chinese Side

12. Prof. Dr. Fusuo Zhang, Academician, IRTG Spokesperson, National Academy of Agriculture Green Development, China Agricultural University (CAU)
13. Prof. Dr. Lixing Yuan, Dean, College of Resources and Environmental Sciences (CRES), China Agricultural University (CAU)
14. Prof. Dr. Xuejun Liu, IRTG Deputy Spokesperson, Coordinator, CRES, CAU
15. Prof. Dr. Zhongtao Jia, CRES, CAU
16. Prof. Dr. Jianbo Shen, CRES, CAU
17. Prof. Dr. Xinping Chen, College of Resources and Environment, Southwest University (SWU), Chongqing
18. Prof. Dr. Huaiyu Yang, College of Resources and Environment, Southwest University (SWU), Chongqing
19. Prof. Dr. Huafen Li, CRES, CAU
20. Prof. Dr. Chunqin Zou, CRES, CAU
21. Prof. Dr. Xuexian Li, CRES, CAU
22. Prof. Dr. Pu Wang, College of Agronomy and Biotechnology, CAU
23. Prof. Dr. Shunli Zhou, College of Agronomy and Biotechnology, CAU
24. Prof. Dr. Xiongkui He, College of Science, CAU
25. Prof. Dr. Jianfen Liang, College of Food Science and Nutritional Technology, CAU
26. Prof. Dr. Ji Ma, College of Economics and Management, CAU
27. Prof. Dr. Haifeng Xiao, College of Economics and Management, CAU
28. Prof. Dr. Wu Laping, College of Economics and Management, CAU
29. Prof. Dr. Mengqing Feng, College of Agronomy and Biotechnology, CAU
30. Prof. Dr. Haigang Li, College of Inner Mongolia Agricultural University
31. Assoc. Prof. Dr. Lingyun Cheng, CRES, CAU
32. Assoc. Prof. Dr. Lin Zhang, CRES, CAU
33. Assoc. Prof. Dr. Sen Yang, CRES, CAU
34. Assoc. Prof. Dr. Tao Zhang, CRES, CAU
35. Assoc. Prof. Dr. Yong Hou, CRES, CAU

36. Assoc. Prof. Dr. Prof. Wenxin Liu, College of Agronomy and Biotechnology, CAU
37. Assoc. Prof. Dr. Qiugang Ma, College of Animal Science and Engineering, CAU
38. Assoc. Prof. Dr. Jianbin Guo, College of Engineering, CAU
39. Assoc. Prof. Dr. Changling Wang, College of Agronomy and Biotechnology, CAU
40. Assoc. Prof. Dr. Yanan Wan, CRES, CAU
41. Assoc. Prof. Dr. Xiaoqiang Jiao, CRES, CAU
42. Dr. Yangyang Zhang, Post-doctoral researcher, CRES, CAU
43. Dr. Wei Zhang, Post-doctoral researcher, College of Resources and Environment, Southwest University (SWU), Chongqing
44. Dr. Jiechen Wu, CRES, CAU (online participation from Sweden)
45. Dr. Wenfeng Cong, CRES, CAU
46. Dr. Wen Xu, CRES, CAU
47. Dr. Yajuan Li, CRES, CAU
48. Dr. Shimeng Huang, College of Animal Science and Engineering, CAU
49. Dr. Zihan Wang, Post-doctoral researcher, CRES, CAU
50. Ms. Yan Du, Doctoral researcher on Chinese side, RS 1.1
51. Mr. Zheng Zhao, Doctoral researcher on Chinese side, RS 1.2
52. Ms. Pengxia Zhang, Doctoral researcher on Chinese side, RS 1.2
53. Mr. Kai Zhang, Doctoral researcher on Chinese side, RS 1.2
54. Ms. Dandan Li, Doctoral researcher on Chinese side, RS 1.2
55. Ms. Xiaoting Liu, Doctoral researcher on Chinese side, RS 1.3
56. Ms. Yan Sun, Doctoral researcher on Chinese side, RS 1.3
57. Mr. Zhen Chen, Doctoral researcher on Chinese side, RS 2.1
58. Ms. Yuan Wang, Doctoral researcher on Chinese side, RS 2.2
59. Mr. Shunjin Li, Doctoral researcher on Chinese side, RS 2.2
60. Mr. Baogang Yu, Doctoral researcher on Chinese side, RS 2.2
61. Mr. Peng Qi, Doctoral researcher on Chinese side, RS 2.3
62. Mr. Zhong Zhuang, Doctoral researcher on Chinese side, RS 2.4
63. Ms. Qiqi Wang, Doctoral researcher on Chinese side, RS 2.4
64. Ms. Ruotong Si, Doctoral researcher on Chinese side, RS 2.4
65. Ms. Jingwen Cheng, Doctoral researcher on Chinese side, RS 2.4
66. Ms. Lei Ma, Doctoral researcher on Chinese side, RS 3.1
67. Mr. Zhonghao Liu, Doctoral researcher on Chinese side, RS 3.2
68. Ms. Xueling Ran, Doctoral researcher on Chinese side, RS 3.3
69. Ms. Ting Yan, Doctoral researcher on Chinese side, RS 3.4
70. Ms. Qiong Wu, Doctoral researcher on Chinese side, RS 3.4
71. Ms. Xinjuan Cai, Doctoral researcher on Chinese side, RS 4.1
72. Mr. Bowen Ma, Doctoral researcher on Chinese side, RS 4.2
73. Ms. Xiaoxiao Li, Doctoral researcher on Chinese side, RS 4.3

### **German Side**

74. Prof. Dr. Ralf Vögele, Dean, Faculty of Agricultural Sciences, University of Hohenheim
75. Prof. Dr. Torsten Müller, IRTG Spokesperson German side, Institute of Crop Science, UHOH
76. Prof. Dr. Joachim Müller, IRTG Deputy Spokesperson German side, Institute of Agricultural Engineering, UHOH

77. Prof. Dr. Reiner Doluschitz, former IRTG Deputy Spokesperson German side, Institute of Farm Economics, UHOH
78. Dr. Marco Roelcke, IRTG Coordinator German side, UHOH
79. Prof. Dr. Tobias Würschum, Institute of Plant Breeding, Seed Science and Population Genetics, UHOH
80. Prof. Dr. Uwe Ludewig, Institute of Crop Science, UHOH
81. Prof. Dr. Waltraud Schulze, Department of Plant Systems Biology, UHOH
82. Prof. Dr. Simone Graeff-Hönniger, Institute of Crop Science, UHOH
83. Prof. Dr. Jan Frank, Institute of Nutritional Sciences, UHOH
84. Prof. Dr. Markus Rodehutschord, Institute of Animal Science, UHOH
85. Prof. Dr. Andrea Kruse, Institute of Agricultural Engineering, UHOH
86. Prof. Dr. Enno Bahrs, Institute of Farm Economics, UHOH
87. Jun.-Prof. Dr. Andreas Schweiger, Institute of Landscape and Plant Ecology, UHOH
88. Jun.-Prof. Dr. Amélia Camarinha Silva, Institute of Animal Science, UHOH
89. Dr. Hans Oechsner, State Institute for Agricultural Engineering and Bioenergy, UHOH
90. Dr. Kirsten Boysen-Urban, International Trade and Food Security, UHOH
91. Dr. Sebastian Munz, Post-doctoral researcher, Institute of Crop Science, UHOH
92. Dr. Christian Sponagel, Post-doctoral researcher, Institute of Farm Economics, UHOH
93. Dr. Muhammad Jamal Alhnidi, Post-doctoral researcher, Institute of Agricultural Engineering, UHOH
94. Dr. Konstantin Dinkler, Post-doctoral researcher, Institute of Agricultural Engineering, UHOH
95. Dr. Zhichong Wang, Post-doctoral researcher, Pattern Management in China Project, Institute of Agricultural Engineering, UHOH
96. Mr. Gero Becker, Institute of Agricultural Engineering, UHOH
97. Ms. Sandra Roller, Doctoral researcher on German side, RS 1.1
98. Ms. Melissa Mang, Doctoral researcher on German side, RS 1.2
99. Mr. Néstor Fabián Pinilla, Doctoral researcher on German side, RS 1.2
100. Mr. Zeeshan, Doctoral researcher on German side, RS 1.3
101. Ms. Shinhye Lee, Doctoral researcher on German side, RS 2.1
102. Ms. Fangfang Ning, Doctoral researcher external on German side, RS 2.1
103. Mr. Daniel Wanke, Doctoral researcher on German side, RS 2.2
104. Ms. Michelle Herrmann, Doctoral researcher on German side, RS 2.2
105. Mr. Ali Malakshahi Kurdestani, Doctoral researcher on German side, RS 2.2
106. Ms. Yawen You, Doctoral researcher external on German side, RS 2.2
107. Mr. Benedikt Müller, Doctoral researcher external on German side, RS 2.2
108. Ms. Alice Reineke, Doctoral researcher on German side, RS 2.3
109. Mr. Leon Oehme, Doctoral researcher on German side, RS 2.3
110. Ms. Douae El Khaïter, Doctoral researcher on German side, RS 2.4
111. Mr. Esteban Gutiérrez La Torre, Doctoral researcher on German side, RS 3.1
112. Mr. Moritz Novotny, Doctoral researcher on German side, RS 3.2
113. Mr. Ismael Rubio-Cervantes, Doctoral researcher on German side, RS 3.2
114. Ms. Naga Sai Uppuluri, Doctoral researcher on German side, RS 3.3
115. Mr. Antti Metsälä, Doctoral researcher on German side, RS 3.4
116. Ms. Xiaomin Yu, Doctoral researcher on German side, RS 4.1
117. Mr. Tristan Herrmann, Doctoral researcher on German side, RS 4.1
118. Mr. Pranav Patil, Doctoral researcher external on German side, SA 4

119. Mr. Xiuhao Quan, Doctoral Researcher, Pattern Management in China Project, Institute of Farm Economics, University of Hohenheim
120. Ms. Yang Zhang, Doctoral Researcher, Pattern Management in China Project, Institute of Agricultural Engineering, University of Hohenheim
121. Ms. Yu-Chieh Cheng, Doctoral Researcher, Institute of Nutritional Sciences, UHOH
122. Ms. Friederike Selensky, Doctoral Researcher, trans4num project, University of Hohenheim
123. Mr. Gabriel de Freitas Batista, Doctoral Researcher, Institute of Agricultural Engineering, UHOH
124. Ms. Yuyi Sang, Master student, Institute of Farm Economics, University of Hohenheim
125. Ms. Tessa Robinson, Institute of Agricultural Engineering, UHOH

## **Block seminar venues in Hohenheim:**

**20.03. – 22.03.2023:**

**Lecture hall (Hörsaal) HS 35**

Fruwirthstrasse 48 (Kavaliershaus 4)

**23.03.2023:**

**Lecture hall (Hörsaal) HS 20**

Garbenstrasse 13, ground floor

**Front cover:** © GREET - Green Energy Eco-tech Co., Hubei, China, 2021.

## **Project website:**

<https://amaize-p.uni-hohenheim.de/>



## **Contact Information:**

Prof. Dr. Xuejun Liu: mobile: (+86) 13811559176 [liu310@cau.edu.cn](mailto:liu310@cau.edu.cn)

Prof. Dr. Lixing Yuan: mobile: (+86) 13911809064 [yuanlixing@cau.edu.cn](mailto:yuanlixing@cau.edu.cn)

Ms. Assoc. Prof. Dr. Lingyun Cheng: mobile: (+86) 18611778626 [lycheng@cau.edu.cn](mailto:lycheng@cau.edu.cn)

Ms. Ruotong Si: mobile: (+86) 17310961231 [ruotong1231@163.com](mailto:ruotong1231@163.com)

Prof. Dr. Torsten Müller: mobile (+49) 0173 8060343 [torsten.mueller@uni-hohenheim.de](mailto:torsten.mueller@uni-hohenheim.de)

Dr. Marco Roelcke: mobile: (+49) 01520 4385461 [marco.roelcke@uni-hohenheim.de](mailto:marco.roelcke@uni-hohenheim.de)

Dr. Konstantin Dinkler: mobile: (+49) 0172-4550726 [konstantin.dinkler@uni-hohenheim.de](mailto:konstantin.dinkler@uni-hohenheim.de)

Ms. Michelle Herrmann: mobile: (+49) 0157 77048407 [m.herrmann@uni-hohenheim.de](mailto:m.herrmann@uni-hohenheim.de)

## **Restaurant in Eningen Unter Achalm:**

La Cantina, Arbachtalstraße 6, 72800 Eningen unter Achalm

Tel.: (+49) 07121-9885846

[info@lacantina-eningen.de](mailto:info@lacantina-eningen.de) <https://www.lacantina-eningen.de/>

## **Restaurant in Esslingen:**

Weinkeller Einhorn

Heugasse 17

73728 Esslingen a.N.

[info@weinkeller-einhorn.de](mailto:info@weinkeller-einhorn.de) [www.weinkeller-einhorn.de](http://www.weinkeller-einhorn.de)

## **Hotel accomodation in Hohenheim:**

Christkönigshaus

Paracelsusstraße 89, 70599 Stuttgart-Plieningen

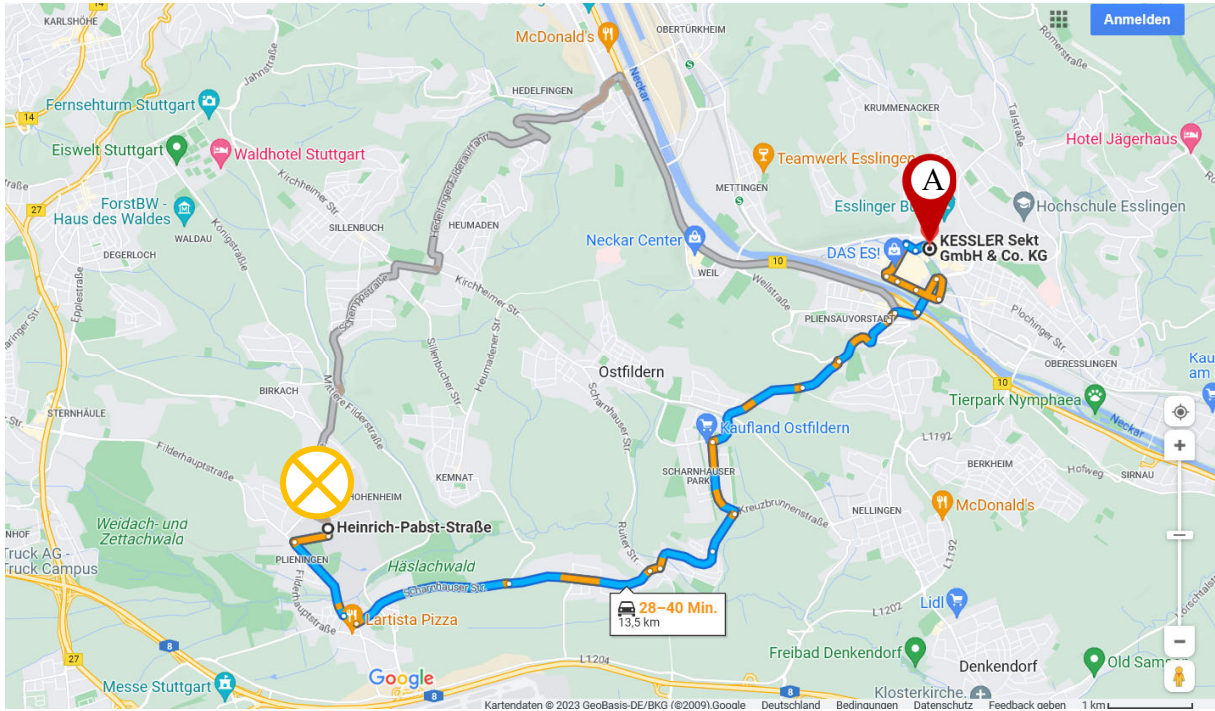
Tel.: (+49) 0711-458282-3



[christkoenigshaus@tagungshaus.net](mailto:christkoenigshaus@tagungshaus.net) [www.christkoenigshaus.de](http://www.christkoenigshaus.de)

## **Please note:**

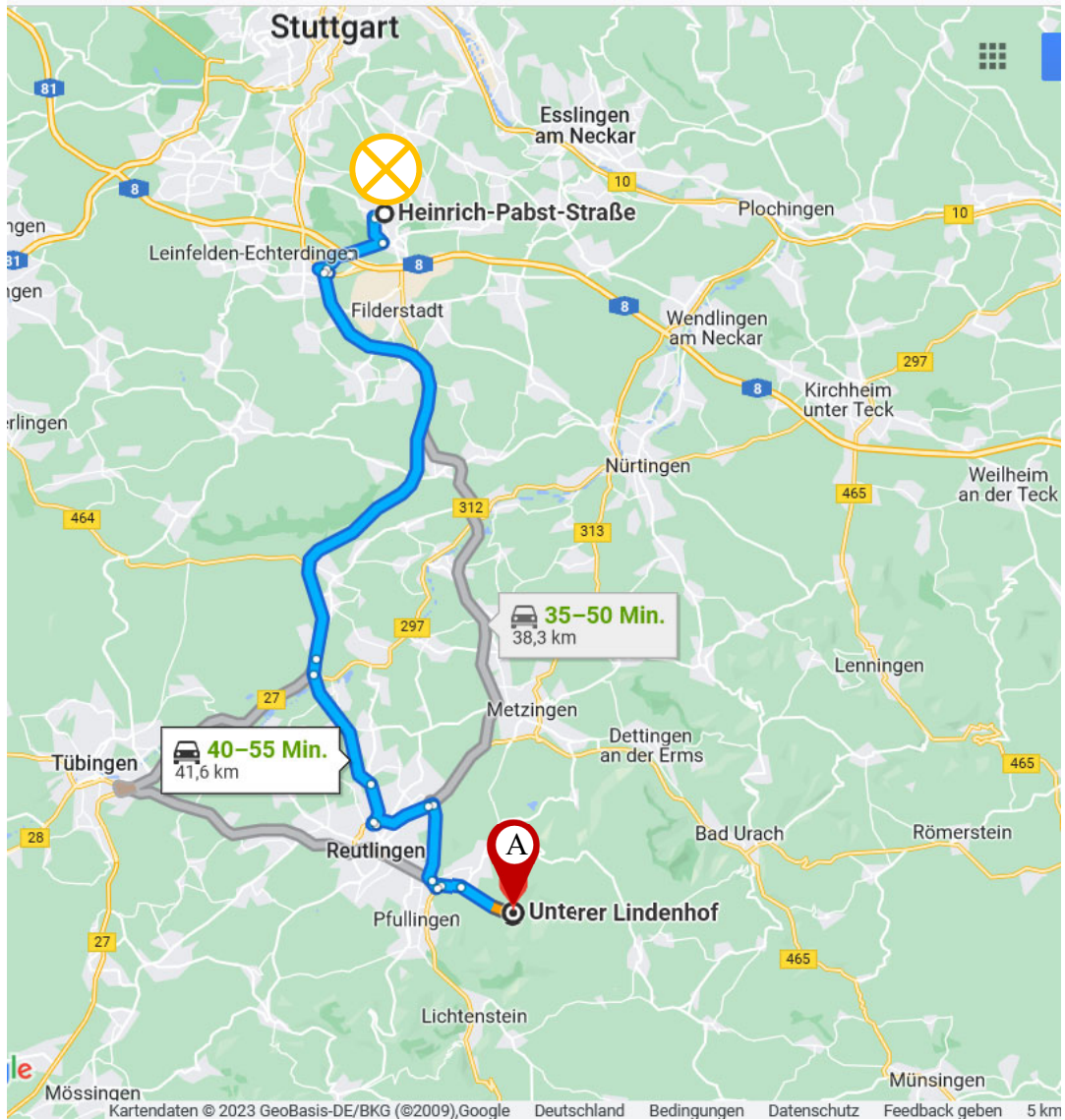
During the block seminar, the online presentations will be recorded via the ZOOM recording function, upon special permission by the University of Hohenheim for the International Research Training Group AMAIZE-P. Videos will be made available upon request for IRTG AMAIZE-P members only.



(see maps on next two pages)



	University of Hohenheim
	KESSLER Sekt GmbH & Co. KG, Georg-Christian-von-Kessler-Platz 12-16, 73728 Esslingen am Neckar

Route of excursion on 23 March 2023 from the University of Hohenheim to Kessler Sektellerei (73728 Esslingen am Neckar).



	University of Hohenheim
	Experimental Station Unterer Lindenhof, 72183 Eningen unter Achalm

Route of excursion on 24 March 2023 from the University of Hohenheim to Experimental Station Unterer Lindenhof (72813 Eningen unter Achalm).

