



UNIVERSITY OF
HOHENHEIM



AMAIZE-P

Second Block Seminar of the 2nd Cohort

Genetic potential

23 May - 28 May 2022 (hybrid)



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

Tuesday, 17 May 2022:**Educational content for doctoral researchers at the University of Hohenheim: 17 participants****Venue: University of Hohenheim, remote access from office/home-office**

CEST 09:30-16:15	Online-Workshop on “Good Scientific Practice”, Day 1	Dr. Julia Verse	Team Scientific Integrity from the Federal Republic of Germany
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Wednesday, 18 May 2022:**Educational content for doctoral researchers at the University of Hohenheim: 17 participants****Venue: University of Hohenheim, remote access from office/home-office**

CEST 09:30-16:15	Online-Workshop on “Good Scientific Practice”, Day 2	Dr. Julia Verse	Team Scientific Integrity from the Federal Republic of Germany
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ZOOM Meetings 17-18 May, 2022, **CEST 09:30 AM:**<https://us02web.zoom.us/j/82031893845?pwd=RVREdWROdFpqOWhGUkdjNFkyNWFWUT09>

Meeting ID: 820 3189 3845

Passcode: 725685

Monday, 23 May 2022: Second block seminar of IRTG AMAIZE-P 2nd cohort (Day 0)**13:00** German scientists, doctoral researchers on the German side: Departure from Hohenheim Palace**Visits to the agricultural research station of UHOH:**

Time CEST		Responsible	
13:00-14:30	Visit the new high-tech research greenhouse Phytotechnical Center	Prof. Dr. Tobias Würschum Prof. Dr. Uwe Ludewig	RS 1.1 RS 1.2
14:45-15:45	Visit the research station of Heidfeldhof	Prof. Dr. Tobias Würschum	RS 1.1
16:00 -16:45	Visit the Nutritional Crop Physiology lab at 340h	Prof. Dr. Uwe Ludewig	RS 1.2

Venue: Institute of Crop Science, Fruwirthstraße 20, 70599 Stuttgart-Hohenheim

approx.17:00 Social event with pizza and drinks

Tuesday, 24 May 2022: Second block seminar of IRTG AMAIZE-P 2nd cohort (Day 1)

Venues: CAU (West and East Campuses): Remote access from office/home-office

Hohenheim: Evangelisches Bildungszentrum Haus Birkach

CEST Beijing time	Content	Speakers	Title/organization
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Welcome addresses

Chairperson: Prof. Dr. Xuejun Liu

08:00-08:15 14:00-14:15	Welcome addresses	Prof. Dr. Fusuo Zhang Prof. Dr. Torsten Müller	College of Resources and Environment, CAU Institute of Crop Science, University of Hohenheim
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Session I: Presentations by doctoral researchers 1

Chairpersons: Assoc. Prof. Dr. Lingyun Cheng, Dr. Lilli Scheiterle

08:15-08:35 14:15-14:35	RS 1.1 (2 presenters)	7.5 min. doctoral researcher Chinese side + 7.5 min. doctoral researcher German side + 5 min. discussion, same for all below	
08:35-09:03 14:35-15:03	RS 1.2 (3 presenters)		
09:03-09:30 15:03-15:30	RS 1.3 (3 presenters)		
09:30-09:55 15:30-15:55	Group photo and coffee break UHOH Tea break CAU		

Session II: Presentations by doctoral researchers 2

Chairpersons: Prof. Dr. Huaiyu Yang, Dr. Mehdi Nkebiwe

09:55-10:23 15:55-16:23	RS 2.1 (3 presenters)		
10:23-11:07 16:23-17:07	RS 2.2 (5 presenters, incl. Mr. Ali Kurdestani, Mr. Benedikt Müller on German side)		
11:07-11:27 17:07-17:27	RS 2.3 (2 presenters)		
11:27-11:30 17:27-17:30	Closing remarks and announcements Day 1		
11:30-13:00 17:30-19:00	Lunch break at UHOH (Mensa) (self-organized) Dinner at CAU (self-organized)		

Session III: Scientific talk by an invited speaker (online)

Chairpersons: Prof. Dr. Lixing Yuan, Prof. Dr. Torsten Müller

14:00-15:00 20:00-21:00	Transporters Controlling Sucrose Phloem Loading in Plants	Prof. Dr. David Braun	Biological Sciences and Plant Sciences, University of Missouri, Columbia, MO, USA
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ZOOM Meeting Day 1: 07:30 h CEST, 13:30 h Beijing time
https://uni-hohenheim.zoom.us/j/85154736018?pwd=_CYOYHW1_ipAPSzjb2o9SMbPBB_KJF.1
 Meeting ID: 851 5473 6018
 Passcode: TYeMS4

Wednesday, 25 May 2022: Second block seminar of IRTG AMAIZE-P 2nd cohort (Day 2)**Venues: CAU (West and East Campuses): Remote access from office/home office****Hohenheim: Evangelisches Bildungszentrum Haus Birkach**

CEST Beijing time	Content	Speakers	Title/organization
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Session I: Scientific talk by an invited speaker (online)

Chairpersons: Prof. Dr. Xuejun Liu, Dr. Jürgen Franzaring

08:00-09:00 14:00-15:00	Vacuolar Phosphate homeostasis in plants	Prof. Dr. Keke Yi	Institute of Agricultural Resources and Regional Planning (IARRP), Chinese Academy of Agricultural Sciences (CAAS), Beijing
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Session II: Presentations by doctoral researchers 3

Chairpersons: Prof. Dr. Xuejun Liu, Dr. Jürgen Franzaring

09:00-09:35 15:00-15:35	RS 2.4 (4 presenters)	7.5 min. PhD student Chinese side + 7.5 min. PhD student German side + 5 min. discussion, same for all below	
09:35-09:55 15:35-15:55	RS 3.1 (2 presenters)		
09:55-10:15 15:55-16:15	Coffee break UHOH Tea break CAU		

Session III: Presentations by doctoral researchers 4

Chairpersons: Associate Prof. Dr. Tao Zhang, Jun.-Prof. Dr. Amélia Camarinha da Silva

10:15-10:35 16:15-16:35	RS 3.2 (2 presenters)		
10:35-10:55 16:35-16:55	RS 3.3 (2 presenters)		
10:55-11:30 16:55-17:30	RS 3.4 (4 presenters, incl. Dr. Muhammad-Jamal Alhnidi on German side)		
11:30-11:35 17:30-17:35	Closing remarks and announcements Day 2		
11:35-13:00 17:35-19:00	Lunch break at UHOH (Mensa) (self-organized) Dinner at CAU (self-organized)		

Online Meeting of Chinese and German Principal Investigators and Senior Researchers

Chairpersons: Prof. Dr. Torsten Müller, Prof. Dr. Xuejun Liu

14:00-15:00 20:00-21:00	Preparation of video-conference review of AMAIZE-P renewal proposal on 13-14 July, 2022.	Prof. Dr. Torsten Müller	Institute of Crop Science, University of Hohenheim
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ZOOM Meeting Day 2: 07:30 h CEST, 13:30 h Beijing time

<https://uni-hohenheim.zoom.us/j/81009858035?pwd=7zpNNIc4FL4dCKw1erNgvP2V6Ea13z.1>

Meeting ID: 810 0985 8035

Passcode: gUBd0T

Thursday, 26 May 2022: Second block seminar of IRTG AMAIZE-P 2nd cohort (Day 3)

No activities Chinese side; Public Holiday (Ascension Day) in Germany

Friday, 27 May 2022: Second block seminar of IRTG AMAIZE-P 2nd cohort (Day 4)

Venues: CAU (West and East Campuses): Remote access from office/home office

Hohenheim: Evangelisches Bildungszentrum Haus Birkach

08:00-09:00 **AMAIZE-P Advisory Board Meeting, including Chinese and German PIs**

14:00-15:00

Session I: Presentations by doctoral researchers 5

Chairpersons: Associate Prof. Dr. Yong Hou, Prof. Dr. Torsten Müller

09:00-09:20	RS 4.1	7.5 min. doctoral researchers Chinese side + 7.5 min. doctoral researchers German side + 5 min. discussion, same for all below
15:00-15:20	(2 presenters)	

09:20-09:40	RS 4.2
15:20-15:40	(2 presenters)

09:40-10:00	SA 4: (2 presenters: Mr. Pranav Patil on the German side, Ms. Xiaoxiao Li on the Chinese side)
15:40-16:00	

10:00-10:30 Coffee break UHOH

16:00-16:30 Tea break CAU

Feedback session with German and Chinese doctoral researchers (hybrid)

Chairpersons: Prof. Dr. Torsten Müller, Prof. Dr. Xuejun Liu

10:30-11:30	Feedback session (hybrid) with German and Chinese doctoral researchers.	Prof. Dr. Torsten Müller	Institute of Crop Science, University of Hohenheim
16:30-17:30			

12:00-13:00 Lunch break at UHOH (Mensa) (self-organized)

18:00-19:00 Dinner at CAU (self-organized)

Session II: Scientific talk by an invited speaker (online)

Chairpersons: Prof. Dr. Lixing Yuan, Prof. Dr. Uwe Ludewig

14:00-15:00	The role of phosphate in regulating arbuscular mycorrhiza (AM) symbiosis	Prof. Dr. Caroline Gutjahr	TUM School of Life Sciences, Weihenstephan Campus, Freising, Germany
20:00-21:00			

ZOOM Meeting Day 4: 07:30 h CEST, 13:30 h Beijing time

<https://uni-hohenheim.zoom.us/j/81669462765?pwd=Z-bR8yit8P1W7Lc0UJJ9QCyqqD5iRn.1>

Meeting ID: 816 6946 2765

Passcode: L2e2XU

Saturday, 28 May 2022: Second block seminar of IRTG AMAIZE-P 2nd cohort (Day 5)

Educational content for doctoral researchers in China and Germany

Venues: CAU (West and East Campuses): Remote access from office/home-office

UHOH: Remote access from office/home office

Session I: Educational talk by an invited speaker (online)

Chairpersons: Prof. Dr. Lixing Yuan, Prof. Dr. Torsten Müller

CEST Beijing time	Content	Speakers	Title/organization
08:30-10:30 14:30-16:30	Preparing your results for publication: Maximizing your chances to get your manuscript rapidly accepted	Prof. Dr. Hans Lambers	University of Western Australia, Perth, Australia

ZOOM Meeting Day 5: **08:00 h CEST**, **14:00 h Beijing time**

<https://uni-hohenheim.zoom.us/j/86246624492?pwd=zTfjX4UbOUQevqZRxOiLIN5dYwVcbL.1>

Meeting ID: 862 4662 4492

Passcode: 7VucD8

Participants List

Invited speakers

1. Prof. Dr. David Braun, University of Missouri, Columbia, USA
2. Prof. Dr. Keke Yi, Chinese Academy of Agricultural Sciences (CAAS), Beijing, China
3. Prof. Dr. Caroline Gutjahr, TUM School of Life Sciences, Freising, Germany
4. Prof. Dr. Hans Lambers, University of Western Australia, Perth, Australia

5. Dr. Julia Verse, Team Scientific Integrity of the Federal Republic of Germany

Chinese Side

6. Prof. Dr. Fusuo Zhang, Academician, IRTG Spokesperson, National Academy of Agriculture Green Development, China Agricultural University (CAU)
7. Prof. Dr. Xuejun Liu, IRTG Deputy Spokesperson, Coordinator, College of Resources and Environmental Sciences (CRES), CAU
8. Prof. Dr. Lixing Yuan, Science Advisor, CRES, CAU
9. Prof. Dr. Jianbo Shen, CRES, CAU
10. Prof. Dr. Xinping Chen, College of Resources and Environment, Southwest University
11. Prof. Dr. Huaiyu Yang, College of Resources and Environment, Southwest University
12. Prof. Dr. Huafen Li, CRES, CAU
13. Prof. Dr. Chunqin Zou, CRES, CAU
14. Prof. Dr. Xuexian Li, CRES, CAU
15. Prof. Dr. Pu Wang, College of Agronomy and Biotechnology, CAU
16. Prof. Dr. Shunli Zhou, College of Agronomy and Biotechnology, CAU
17. Prof. Dr. Xiongkui He, College of Agronomy and Biotechnology, CAU
18. Prof. Dr. Jianfen Liang, College of Food Science and Nutritional Technology, CAU
19. Prof. Dr. Ji Ma, College of Economics and Management, CAU
20. Prof. Dr. Haifeng Xiao, College of Economics and Management, CAU
21. Prof. Dr. Wu Laping, College of Economics and Management, CAU
22. Prof. Dr. Haigang Li, College of Inner Mongolia Agricultural University
23. Assoc. Prof. Dr. Lingyun Cheng, CRES, CAU
24. Assoc. Prof. Dr. Sen Yang, CRES, CAU
25. Assoc. Prof. Dr. Tao Zhang, CRES, CAU
26. Assoc. Prof. Dr. Yong Hou, CRES, CAU
27. Assoc. Prof. Dr. Prof. Wenxin Liu, College of Agronomy and Biotechnology, CAU
28. Assoc. Prof. Dr. Qiugang Ma, College of Animal Science and Engineering, CAU
29. Assoc. Prof. Dr. Jianbin Guo, College of Engineering, CAU
30. Assoc. Prof. Dr. Changling Wang, College of Agronomy and Biotechnology, CAU
31. Assoc. Prof. Dr. Yanan Wan, CRES, CAU
32. Assoc. Prof. Dr. Lin Zhang, CRES, CAU
33. Dr. Xiaoqiang Jiao, Postdoc, CRES, CAU
34. Dr. Yangyang Zhang, Postdoc, CRES, CAU
35. Dr. Wei Zhang, Postdoc, College of Resources and Environment, Southwest University
36. Dr. Jiechen Wu, CRES, CAU (online participation from Sweden)
37. Dr. Wenfeng Cong, CRES, CAU
38. Dr. Wen Xu, CRES, CAU

39. Dr. Yajuan Li, CRES, CAU
40. Dr. Shimeng Huang, College of Animal Science and Engineering, CAU
41. Dr. Zhichong Wang, Centre for Chemicals Application Technology (CCAT), CAU

42. Mr. Dongdong Li, Doctoral researcher on Chinese side, RS 1.1
43. Ms. Yan Du, Doctoral researcher on Chinese side, RS 1.1
44. Mr. Zheng Zhao, Doctoral researcher on Chinese side, RS 1.2
45. Mr. Kai Zhang, Doctoral researcher on Chinese side, RS 1.2
46. Ms. Xiaoting Liu, Doctoral researcher on Chinese side, RS 1.3
47. Ms. Yan Sun, Doctoral researcher on Chinese side, RS 1.3
48. Mr. Zhen Chen, Doctoral researcher on Chinese side, RS 2.1
49. Ms. Yuan Wang, Doctoral researcher on Chinese side, RS 2.2
50. Mr. Shunjin Li, Doctoral researcher on Chinese side, RS 2.2
51. Mr. Baogang Yu, Doctoral researcher on Chinese side, RS 2.2
52. Mr. Peng Qi, Doctoral researcher on Chinese side, RS 2.3
53. Mr. Zhong Zhuang, Doctoral researcher on Chinese side, RS 2.4
54. Ms. Qiqi Wang, Doctoral researcher on Chinese side, RS 2.4
55. Ms. Ruotong Si, Doctoral researcher on Chinese side, RS 2.4
56. Ms. Lei Ma, Doctoral researcher on Chinese side, RS 3.1
57. Ms. Lan Li, Doctoral researcher on Chinese side, RS 3.2
58. Ms. Xueling Ran, Doctoral researcher on Chinese side, RS 3.3
59. Ms. Ting Yan, Doctoral researcher on Chinese side, RS 3.4
60. Ms. Qiong Wu, Doctoral researcher on Chinese side, RS 3.4
61. Ms. Xinjuan Cai, Doctoral researcher on Chinese side, RS 4.1
62. Ms. Bowen Ma, Doctoral researcher on Chinese side, RS 4.2
63. Ms. Xiaoxiao Li, Doctoral researcher on Chinese side, RS 4.3

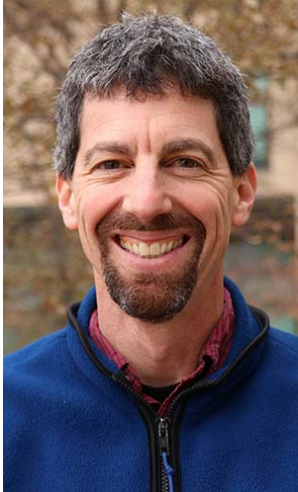
German Side

64. Prof. Dr. Torsten Müller, IRTG Spokesperson, Institute of Crop Science, UHOH
65. Prof. Dr. Joachim Müller, IRTG Deputy Spokesperson, Institute of Agricultural Engineering, UHOH
66. Prof. Dr. Reiner Doluschitz, former IRTG Deputy Spokesperson, Institute of Farm Economics, UHOH
67. Dr. Lilli Scheiterle, IRTG Coordinator, UHOH
68. Dr. Marco Roelcke, IRTG Coordinator, UHOH
69. Prof. Dr. Tobias Würschum, Institute of Plant Breeding, Seed Science and Population Genetics, UHOH
70. Prof. Dr. Uwe Ludewig, Institute of Crop Science, UHOH
71. Prof. Dr. Waltraud Schulze, Department of Plant Systems Biology, UHOH
72. Prof. Dr. Andreas Schweiger, Institute of Landscape and Plant Ecology, UHOH
73. Prof. Dr. Simone Graeff-Hönninger, Institute of Crop Science, UHOH
74. Prof. Dr. Jan Frank, Institute of Biological Chemistry and Nutrition, UHOH
75. Prof. Dr. Markus Rodehutschord, Institute of Animal Science, UHOH
76. Jun.-Prof. Dr. Amélia Camarinha Silva, Institute of Animal Science, UHOH
77. Prof. Dr. Andrea Kruse, Institute of Agricultural Engineering, UHOH
78. Prof. Dr. Enno Bahrs, Institute of Farm Economics, UHOH
79. Dr. Hans Oechsner, State Institute for Agricultural Engineering and Bioenergy, UHOH
80. Dr. Kirsten Boysen-Urban, International Trade and Food Security, UHOH

81. Dr. Jürgen Franzaring, Institute of Landscape and Plant Ecology, UHOH
82. Dr. Peteh Mehdi Nkebiwe, Post-doctoral researcher, Institute of Crop Science, UHOH
83. Dr. Sebastian Munz, Post-doctoral researcher, Institute of Crop Science, UHOH
84. Dr. Christian Sponagel, Post-doctoral researcher, Institute of Farm Economics, UHOH
85. Dr. Muhammad Jamal Alhnidi, Post-doctoral researcher, Institute of Agricultural Engineering, UHOH
86. Mr. Gero Becker, Institute of Agricultural Engineering, UHOH

87. Ms. Sandra Roller, Doctoral researcher on German side, RS 1.1
88. Mr. Nestór Fabián Pinilla, Doctoral researcher on German side, RS 1.2
89. Ms. Mingjie He, Doctoral researcher on German side, RS 1.3
90. Mr. Zeeshan, Doctoral researcher on German side, RS 1.3
91. Mr. Filippo Abele, Doctoral researcher on German side, RS 2.1
92. Ms. Shinye Lee, Doctoral researcher on German side, RS 2.1
93. Ms. Fangfang Ning, Doctoral researcher external on German side, RS 2.1
94. Ms. Michelle Herrmann, Doctoral researcher on German side, RS 2.2
95. Mr. Ali Malakshahi Kurdestani, Doctoral researcher on German side, RS 2.2
96. Mr. Benedikt Müller, Doctoral researcher external on German side, RS 2.2
97. Ms. Alice Reineke, Doctoral researcher on German side, RS 2.3
98. Mr. Leon Oehme, Doctoral researcher on German side, RS 2.3
99. Ms. Douae El Khaïter, Doctoral researcher on German side, RS 2.4
100. Mr. Esteban Gutierrez La Torre, Doctoral researcher on German side, RS 3.1
101. Mr. Ismael Rubio-Cervantes, Doctoral researcher on German side, RS 3.2
102. Ms. Naga Sai Uppuluri, Doctoral researcher on German side, RS 3.3
103. Mr. Antti Metsälä, Doctoral researcher on German side, RS 3.4
104. Mr. Tristan Herrmann, Doctoral researcher on German side, RS 4.1
105. Mr. Pranav Patil, Doctoral researcher external on German side, SA 4

Short biographical profile of the invited speakers



Prof. Dr. David Braun

Professorship: Biological Sciences and Plant Sciences
University: University of Missouri (USA)
College of Arts and Science, Biological Sciences
E-Mail: braundm@missouri.edu

Research Description

My lab is interested in the genetic control of carbon partitioning in maize. To characterize genes functioning in this process we have identified mutants that hyperaccumulate starch and soluble sugars in their leaves. Initially, we have focused our attention on mutants that produce variegated leaves as we hypothesize that these may be defective in sensing or signaling the buildup of carbohydrates in the tissue. The best characterized is tie-dyed1 (tdy1) which develops leaf regions containing approximately ten-fold higher levels of carbohydrates compared to wild type. Cloning the gene determined that it encodes a novel protein expressed in the phloem. From our phenotypic and molecular expression studies, we propose that TDY1 acts as a sugar flux or an osmotic stress sensor to up-regulate sugar export into the veins, possibly through controlling sucrose transporters. Intriguingly, in response to the elevated sugar levels, the ultrastructure of the cell wall is altered, which we determined is associated with increased cellulose deposition. Ongoing research focuses on determining the function of TDY1, determining the biological functions of all maize and sorghum sucrose transporters, characterizing additional carbon hyperaccumulation mutants, and investigating the utility of manipulating the flux of carbon to the cell wall for biofuels production.

Education: PhD, 1997 University of Missouri



Prof. Dr. Keke Yi

Group leader in soil-plant interaction
Institute of Agricultural Resources and Regional Planning (IARRP)
Chinese Academy of Agricultural Sciences (CAAS)
E-Mail: yikeke@gmail.com

Research Description: My Lab is working with the molecular mechanism of Phosphorus uptake and homeostasis in plants, and how the plants sense the external nutrition availability to modulate growth, focusing on the plant-soil interaction.

Research Interests:

- Function and Evolution of Phosphate Transporter
- Plant nutrition
- Cell and Development Biology

Education:

2005/10 - 2008/10, PhD in Cell and Development Biology, John Innes Centre / University of East Anglia, Norwich, England

1997/09 - 2000/07, MS in Plant Science, Zhejiang University, China

1993/09 - 1997/07, BS in Plant Science, Zhejiang University, China



Prof. Dr. Caroline Gutjahr

Professorship: Plant Genetics

University: Technical University Munich (Germany)

Department: TUM School of Life Sciences

E-Mail: caroline.gutjahr@tum.de

Research Description: Professor Gutjahr investigates the molecular mechanisms which determine the formation and functioning of the widespread arbuscular mycorrhiza symbiosis between plants and beneficial soil fungi. Her research focuses in particular on the role of plant hormones and transcriptional networks in the development of symbiosis. The fungus can enhance nutrition and increase the stress resistance of plants. For these reasons, there is increasing interest in the use of fungus in sustainable agricultural practices. Therefore, Professor Gutjahr also investigates the genetic underpinnings of fungus-mediated increases in plant performance with the aim to enable the breeding of mycorrhiza-optimized crops.

Education: Professor Gutjahr studied biology at the Universities of Freiburg and Aberdeen. She then spent one year as a researcher at the University of Turin. Her PhD was started at the University of Geneva and concluded at the University of Lausanne. After a short stay as a postdoctoral researcher in Lausanne, she joined LMU Munich as the leader of a research group. From 2015 to 2021, she was supported by the Emmy Noether program of the German Research Foundation (DFG). She has been Professor of Plant Genetics at the TUM since September 2017.



Prof. Dr. Hans Lambers

Emeritus Professor: Plant ecology
School of Biological Sciences
Institute of Agriculture
University: The University of Western Australia
E-Mail: hans.lambers@uwa.edu.au

Research Description: His recent research focuses on phosphorus (P) nutrition of Australian plants and crop/pasture legumes. He is particularly interested in mechanisms explaining efficient acquisition and use of P and rhizosphere processes enhancing P acquisition.

Professor Lambers shows outstanding international leadership in plant physiological ecology, revealing mechanisms by which plants function and grow in markedly different environments. He developed a novel understanding of causes and consequences of variation in growth rate amongst plant species, and its impacts on nutrient transport and respiratory metabolism. His recent focus on soil-plant interactions in relation to function and distribution of root adaptations that enhance mineral nutrition of Australian plants embodies this approach in relation to the predominantly phosphorus-limited ecosystems of Australia. Professor Lambers eminently and incisively promotes the education and performance of young researchers in Australia and overseas.

Biography: I was born in the Netherlands; PhD (1979), and was appointed Professor of Ecophysiology at Utrecht University (1985). In 1998, I migrated to Australia, where I was appointed Professor of Plant Biology at the University of Western Australia. There, I studied rhizosphere biology and mineral nutrition of Australian native species and crop plants, seeking to discover how some Australian plants acquire phosphorus from depauperate soil and use it very efficiently.

I have published >460 refereed articles, with an H index of 71, and feature on the current ISI Highly Cited list. In 2003 I was elected to the Royal Netherlands Academy of Arts and Sciences, and in 2012 to the Australian Academy of Science. I received Honorary Professorships from China Agricultural University (2002), Chinese Academy of Sciences (Research Centre for Eco-Environmental Sciences, Beijing) (2004), Shenyang Agricultural University (2018), and Jiangxi Agricultural University, Nanchang, China. (2019). I received the Lifetime Achievement Award of the International Society of Root Research (2018) and was awarded a China 1000 Talent Fellowship (2018). I was appointed as Distinguished Professor at the National Academy of Agriculture Green Development at China Agricultural University in 2018.

Block seminar venue in Hohenheim:

Evangelisches Bildungszentrum Haus Birkach (Tagungszentrum Haus Birkach)
Grüninger Straße 25
70599 Stuttgart-Birkach
Tel. 0711-458040

<https://www.hausbirkach.de/>

(see map on next page)

Front cover

Photo: © Dongdong Li, 2019.

Project website:

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

**Contact Information:**

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Prof. Dr. Lixing Yuan: mobile: [REDACTED]

Ms. Assoc. Prof. Lingyun Cheng: mobile: [REDACTED]

Ms. Ruotong Si: mobile: [REDACTED]

Prof. Dr. Torsten Müller: mobile: [REDACTED]

Dr. Peteh Mehdi Nkebiwe: mobile: [REDACTED]

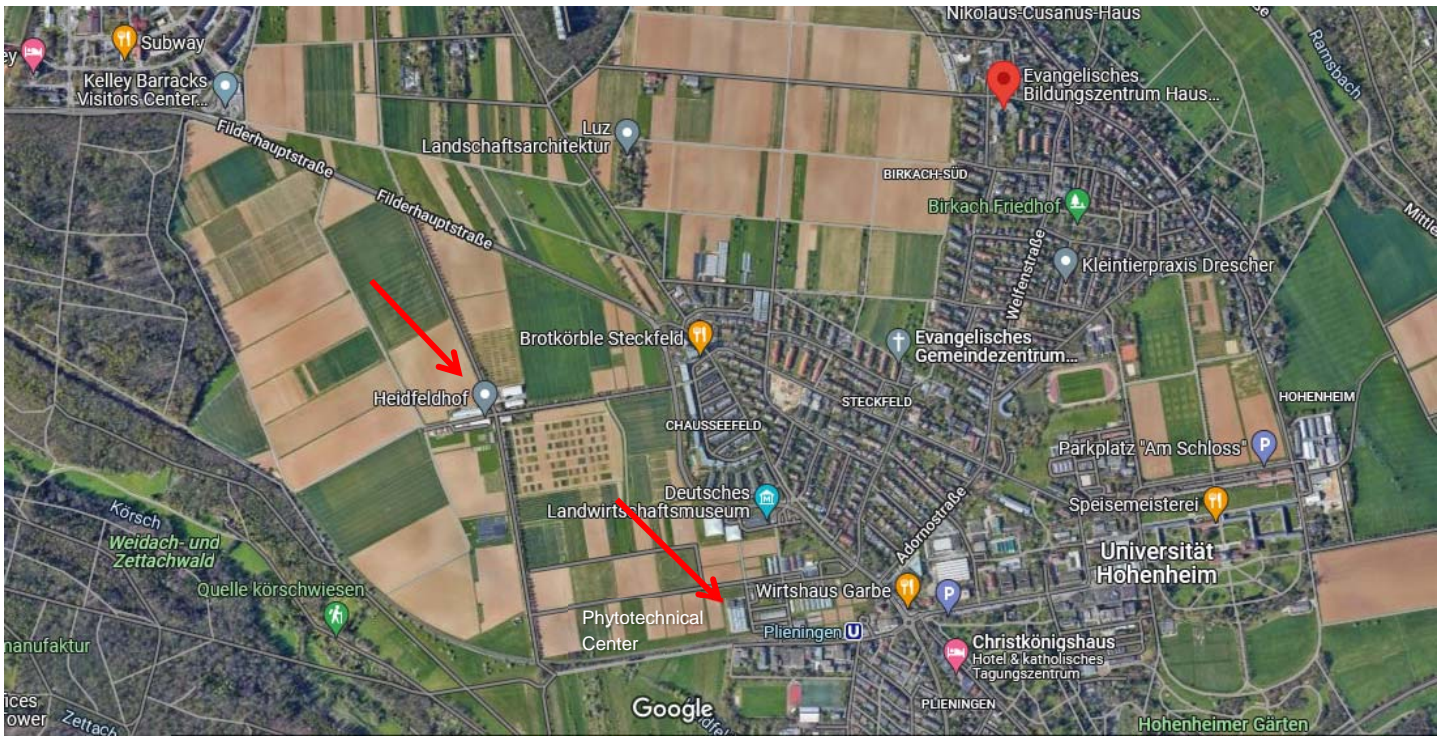
Dr. Lilli Scheiterle: mobile: [REDACTED]

Dr. Marco Roelcke: mobile: [REDACTED]

Mr. Tristan Herrmann: mobile: [REDACTED]

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.



Map with block seminar venue: Evangelisches Bildungszentrum Haus Birkach, as well as locations of Agricultural Research Station of UHOH: Heidfeldhof, and Phytotechnical Center (red arrows).