

## Program

- 9:00 Welcome, organizational aspects**  
(HEF room 88, Liesel-Beckmann-Str. 2, Ground floor)  
Prof. Asseng, HEF Director; Claudia Luksch, HEF
- 9:15 T1 Ariel Tasca:** *Do root-hairs matter for proper seedling development on unfavorable seedbed conditions?*  
Supervisor: Prof. Patrick Bienert, Crop Physiology (TUM)
- 9:35 T2 Basargin Nikita:** *Monitoring Soil Moisture from Space using Synthetic Aperture Radar*  
Supervisors: Prof. Irena Hajsek, Microwaves and Radar Institute (DLR) & Prof. Senthold Asseng, Digital Agriculture (TUM)
- 09:55 “Elevator pitches” -> poster introductions (2 min each, P1 – P14 => 28 min net)**  
(HEF room 88, Liesel-Beckmann-Str. 2, Ground floor)
- 10:25 Coffee Break (HEF-Foyer, Liesel-Beckmann-Str. 2, 15 min)**
- 10:40 T3 Eleonora Itri:** *Rhodiola rosea production using alginate hydrogels as substrate for soilless cultivation in indoor vertical farming*  
Supervisor: Prof. Heike Mempel, Institute of Horticulture (HSWT)
- 11:00 T4 Anton Vorndran:** *Fueling Growth: Examining the effects of early milk diets on newborn calf performance*  
Supervisor: Prof. Julia Steinhoff-Wagner, Animal Nutrition and Metabolism (TUM)
- 11:20 Poster Session (14 Posters)**  
(HEF-Foyer, Liesel-Beckmann-Str. 2)
- 12:15 Lunch (HEF, Liesel-Beckmann-Str. 2, Room 83/84, 45 min) & Group photo**
- 13:00 T5 Katharina Brenner:** *Process and infrastructure engineering in cellular agriculture towards circularity and minimal waste*  
Supervisor: Prof. Marius Henkel, Cellular Agriculture (TUM)
- 13:20 T6 Sylvester Sedekla:** *Sustainable postharvest processing technologies for dried food commodities and firm-level adoption: A critical review*  
Supervisor: Prof. Luisa Menapace, Governance in International Agribusiness (TUM)
- 13:40 T7 Jannet John:** *Do producer company farmers remediate for institutional voids? Evidence from Telangana, India*  
Supervisor: Prof. Vera Bitsch, Economics of Horticulture and Landscaping (TUM)
- 14:00 Coffee break (HEF-Foyer, Liesel-Beckmann-Str. 2, 30 min) & Voting for best talk, best elevator pitch, best poster**
- 14:30 Insider Insights: Career Journeys Beyond the University Walls - Graduates' Perspectives**
- Dr. Josef Bauerdick:** Data Interface Management /Farm Data Management Sano – Moderne Tierernährung GmbH, Loiching
- Dr. Michael Mederle:** Leitung Agrar und Beratung Kuratorium Bayerischer Maschinen- u. Betriebshilfsringe e. V., Neuburg a.d. Donau
- Prof. Dr. Franziska Wespel:** Breeding Novel Grain Crops, Innovationscampus Merkendorf (HSWT)
- 15:45 Awards for best talk, best Pitch, best poster with “Beer & Pretzels” (HEF Foyer)**  
Thank you’s & Good Bye’s

## Posters

1	<p><b>Hein, Sophia:</b> <i>Fusarium protein biosynthesis inhibitor functions in barley</i> TUM, Phytopathology, Supervisor: Prof. Ralph Hüchelhoven</p>
2	<p><b>Jamal Esfarjani Nejad, Sajad:</b> <i>Effects of supplemented Guanidinoacetic acid on animal-related indicators of sows and their offspring</i> TUM, Animal Nutrition and Metabolism Supervisor: Prof. Julia Steinhoff-Wagner</p>
3	<p><b>Kurek, Jan:</b> <i>Exterior indicators of milk-deprived and milk-fed suckling calves</i> TUM, Animal Nutrition and Metabolism Supervisor: Prof. Julia Steinhoff-Wagner</p>
4	<p><b>Wittmann, Sabine:</b> <i>Pepper and Chili Production in Vertical Indoor Farming as raw material for capsaicin production</i> HSWT, Institute of Horticulture, Applied Science Centre for Smart Indoor Farming &amp; TUM, Digital Agriculture Supervisors: Prof. Dr. Heike Mempel, HSWT &amp; Prof. Senthold Asseng, TUM</p>
5	<p><b>von Bloh, Malte:</b> <i>Transforming crop yield prediction with hybrid Machine Learning-Driven Insights</i> TUM, Digital Agriculture Supervisor: Prof. Senthold Asseng</p>
6	<p><b>Li, Yibo:</b> <i>Unfolding the leaf economics spectrum for wheat: trait analysis and genomic associations across cultivars</i> TUM, Digital Agriculture Supervisor: Prof. Senthold Asseng</p>
7	<p><b>Eichelsbacher, Sebastian:</b> <i>Tracking progress toward a 6000-fold global wheat yield</i> TUM, Digital Agriculture Supervisor: Prof. Senthold Asseng</p>
8	<p><b>Martínez Cuesta Rubén:</b> <i>Beyond plant diversity: Drivers of microbial diversity in two grassland floodplains under different land management influences</i> TUM, Environmental Microbiology Supervisor: Prof. Michael Schloter</p>
9	<p><b>Olha, Halytsia:</b> <i>Are farmers willing to adopt climate-smart Water-Energy-Food-Environment designs? A case of olive producers in Crete using participatory choice experiments</i> TUM, Agricultural Production and Resource Economics Supervisor: Prof. Johannes Sauer</p>
10	<p><b>Hofmeier, Marion:</b> <i>The adoption of origin related labels by small and medium-sized food craft enterprises in Germany</i> TUM, Governance in International Agrivisiness Supervisor: Prof. Luisa Menapace</p>
11	<p><b>Suresh Gowda, Pooja:</b> <i>Effect of blue light and hydroponic systems on plant growth and secondary metabolites of Valerian Officinalis</i> HSWT, Applied Science Centre (ASC) for Smart Indoor Farming Supervisor: Prof. Heike Mempel</p>
12	<p><b>Knezevic, Marija:</b> <i>SRADI - Minimal Ecosystem for the Establishment of a Distributed Digital Twin for the Agricultural Landscape</i> TUM, Geoinformatics Supervisor: Prof. Thomas Kolbe</p>
13	<p><b>Owsianowski, Johannes:</b> <i>The implementation of "long-short" supply chain with blockchain technology in the fair trade sector</i> TUM, Economics of Horticulture and Landscaping</p>
14	<p><b>Amann, Michael:</b> <i>Nitrous oxide emissions from legumes in cropping systems with efficient nitrogen fertilization</i> Supervisor: Prof. Hülsbergen TUM, Organic Agriculture and Agronomy</p>

