
Day 1 | 10 March 2024 Sunday

14:00-16:00

Registration opening

16:00-16:15

Opening remarks

Members of the program committee

16:15-17:00

Introductory lecture

Andreas Weber, Univ. Duesseldorf, Germany

17:30-20:00 Welcome Reception & Posters

Day 2 | 11 March 2024 Monday

Session 1: Resilience and Food Security: Plant growth and development in the context of climate change

09:00-09:30

Roots – Soil – Relationships; Plenary

Malcolm Bennett, Nottingham Univ., UK

09:30-10:00

Plant-Water-Relationship, Stomatal Regulation

Chris Schön, TU Munich, Germany

10:00-10:30

Long-distance control of evaporation

Markus Wirtz, Heidelberg Univ., Germany

10:30-11:00 Coffee break & Posters

11:00-11:30

Plant Thermo-sensing and response to temperature

Akis Fragkostefanakis, Univ. Frankfurt, Germany

11:30-12:00

Sugar signaling, branching, and temperature

Franziska Fichtner, Univ. Düsseldorf, Germany

12:00-12:30

Alternative splicing / abiotic stress

Paula Duque, Gulbenkian Institute, Portugal

12:30-14:00 Lunch

Session 2: Nitrogen Use Efficiency: Enhancing Plant Nitrogen Use and Avoiding Nitrogenous Emissions

14:00-14:30

Nitrogen use efficiency

Chengcai Chu, South China Agric. Univ., China

14:30-15:00

Systems biology of nutrient use

Gabriel Krouk, CNRS, France

15:00-15:30

Low emission agriculture

Shu-Yuan Pan, National Taiwan Univ., Taiwan

15:30-16:00

Rhizosphere bacteria and nitrogen use efficiency

Eduardo Puglisi, Univ. Cattolica Piacenza, Italy

16:00-16:30 Coffee break & Posters

16:30-17:15

Talks selected from abstracts

17:30 – 19:00

Panel discussion

Day 3 | 12 March 2024 Tuesday

Session 3: Soil-Plant Health: Impacts of Climate Change on Plant Physiology, Growth, and Development

09:00-09:30

The plant microbiome in a changing climate

Alga Zuccaro, Cologne Univ., Germany

09:30-10:00

Soil health in arid climates

Heribert Hirt, KAUST, Saudi Arabia

10:00-10:30

Soil microbiome and climate stress

Pankaj Trivedi, Ohio State Univ., US

10:30-11:00 Coffee break & Posters

11:00-13:00

3 parallel workshops

Moderation by ECRs: Catherine Walsh, Eva Maria Gomez, Svenja Augustin

13:00-14:00 Lunch

Session 4: Resilience and Food Security: Plant Adaptation and Resilience Strategies in Response to Fluctuating Climates

14:00-14:30

Stress memory / epigenetics

Isabel Bäurle, Potsdam Univ., Germany

14:30-15:00

Biotic stressors and climate change

Katherine Denby, York Univ., UK

15:00-15:30

Water saving strategies and water-use efficient photosynthesis

Jill Farrant, Univ. Cape Town, South Africa

15:30-16:00

Fertility under high temperature

Maria von Korff-Schmising, Düsseldorf Univ., Germany

16:00-16h30 Coffee break & Posters

16:30-17:00

Talks selected from abstracts

17:00-19:30

Poster session

Day 4 | 13 March 2024 Wednesday

Session 5: Carbon Sequestration: Mitigating Climate Change

09:00-09:30

Plant-Soil carbon deposition

Cornelia Rumpel, CNRS, France

09:30-10:00

Maximizing carbon assimilation

Laia Segura Broncano, Univ. Duesseldorf, Germany

10:00-10:30

Agroecology and genetic engineering

Gabriel Schaaf, Bonn Univ., Germany

10:30-11:00 Coffee break

11:00-12:15

Talks selected from abstracts

12:15-12:30

Concluding Remarks, Farewell

12:30-14:00 Lunch, Departure