

PLAN4BEE Workshop Braunschweig

Venue: Julius Kühn Institute, Messeweg 11-12, 38104 Braunschweig



Monday, April 15 2024

- Until 13:30 Arrival and hotel check-in/lunch at the JKI canteen
- 13:30 – 14:00 **Jens Pistorius:** Welcome at the JKI
- 14:00 – 14:15 **All German participants:** Starter slide show (“Introduce yourself in 1 min”)

Session 1: Research of our African partners

- 14:15 – 15:00 **Lucy Kamau (Kenya)**
- 15:00 – 15:45 **Mazi Sanda (Cameroon)**
- 15:45 – 16:30 Coffee break and guided tour of the Institute for Bee Protection and around the JKI premises
- 16:30 – 17:15 **Drissa Coulibaly (Ivory Coast)**
- 17:15 – 18:00 **Anicet Dassou (Benin)**
- From 18:30 Dinner and get-together

Tuesday, April 16 2024

Session 2: Bee monitoring, pollinator communities and pollination

- 9:00 – 9:45 **Michael Orr:** Bee populations and potential drivers of decline: monitoring potentials and requirements with special reference to the Global South
- 9:45 – 10:30 **Anke Dietzsch:** Standardizing sampling and monitoring of bee populations in urban and agricultural landscapes
- 10:30 – 11:00 Coffee break
- 11:00 – 11:45 **Katharina Stein:** Bee pollination as an ecosystem service for enhanced crop yield quantity and quality: threats and ecological/economic implications
- 11:45 – 12:30 **Manuel Treder:** The influence of increased honey bee density on pollinator communities
- 12:30 – 13:00 General discussion session 2
- 13:00 – 14:00 Lunch

Session 3: AI technologies and remote sensing in bee research

- 14:00 – 14:45 **Regina Pohle-Fröhlich:** Artificial intelligence tools for bee monitoring
- 14:45 – 15:30 **Michael Gref:** Artificial intelligence tools for acoustic analysis
- 15:30 – 16:00 Coffee break
- 16:00 – 16:45 **Michael Thiel:** Remote sensing: required vs. existing data in Germany and SSA
- 16:45 – 17:30 **Matthias Trapp:** Remote sensing as a tool for identifying monitoring sites
- 17:30 – 18:30 General discussion session 3 and day 2

Wednesday, April 17 2024

Session 4: Ecotoxicological research and risk assessment

- 9:00 – 9:45 **Abdul Alkassab:** Methodology used in ecotoxicological laboratory, semi-field and field experiments
- 9:45 – 10:30 **Jakob Eckert:** Risk assessment of pesticides for pollinators in the national and zonal EU framework
- 10:30 – 11:15 Coffee break and group photo
- 11:15 – 12:00 **Friederike Breuer:** Strengthening regulations to protect pollinators from pesticides: current state and further action
- 12:00 – 12:30 General discussion session 4
- 12:30 – 13:30 Lunch

Session 5: Residues

- 13:30 – 14:15 **Kirsten Traynor:** Pesticide residues in honey bee collected pollen in long-term monitoring efforts in Germany and the USA
- 14:15 – 15:15 **Gabriela Bischoff and Julia Kehmstedt:** Detecting bee poisoning via residue analysis of bee-related matrices
- 15:15 – 15:45 General discussion session 5
- 15:45 – 16:15 Coffee break
- 16:15 – 17:15 General discussion day 3; preparation for break-out groups

Thursday, April 18 2024

- 9:00 – 10:30 Break-out groups I
- 10:30 – 11:00 Coffee break
- 11:00 – 12:30 Break-out groups II
- 12:30 – 13:30 Lunch
- 13:30 – 15:00 Perspectives I
- 15:00 – 15:30 Coffee break
- 15:30 – 17:00 Perspectives II
- 17:00 – 17:30 Summary plenum

Friday, April 19 2024

- 9:00 – 10:30 Proposal I
- 10:30 – 11:00 Coffee break
- 11:00 – 12:30 Proposal II
- 12:30 Goodbyes and Departure/Lunch

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