



E-NICHE COST ACTION – WG2 Workshop

Saturday, 13.07.2024

Room L125 - CZU

AGENDA

Session 1: Introduction & Keynote talk	
08:30 - 09:00 am CET	Settling in with coffee/tea & cookies
09:00 - 09:15 am CET	Welcome & Introduction
09:15 - 09:25 am CET	Progress of the E-NICHE Action Anne-Geneviève Bagnères
09:25 - 09:35 am CET	Progress of Working Group 2 Maria Pappas & Conxita Avila
09:35 - 10:05 am CET	Keynote talk Promising ways in which genetic modification of plants can be used to exploit chemical ecology for crop protection - Ted Turlings
10:05 – 10:20 am CET	15-min COFFEE BREAK
Session 2: Sustainable pest control: How green are semiochemicals? / Regulatory policies	
10:20 – 10:35 am CET	Chemical ecological research: from innovation to impact - Teun Dekker
10:35 – 10:50 am CET	Advances in pheromone identification for IPM: The case of spherical mealybug <i>Nipaecoccus viridis</i> - Anat Levi-Zada
10:50 – 11:05 am CET	Semiochemicals and pest management: the regulatory framework - Panagiotis Milonas
11:05 – 11:20 am CET	Evaluating the efficacy of semiochemicals - Apostolos Kapranas
11:20 – 11:30 am CET	General discussion on Session 2
11:30 – 11:45 am CET	15-min BREAK

Session 3: Chemical ecology & invasive species	
11:45 – 12:00 pm CET	Using chemical ecology for invasive species management - challenges and opportunities in a changing world - Jorg Hardege
12:00 – 12:15 pm CET	How chemical ecology help into the discovery of invasive species to understand their status of pest - Anne-Geneviève Bagnères
12:15 – 12:25 pm CET	General discussion on Session 3
12:25 – 13:25 pm CET	LUNCH BREAK
Session 4: Chemical ecology in pest control & conservation	
13:25 – 13:40 pm CET	Nectar-dwelling microbes: influence on foraging behaviour and performance of parasitoid insects and possible applications in conservation biological control - Stefano Colazza
13:40 – 13:55 pm CET	Advancing saproxylic beetle conservation using chemical ecology - Alenka Zunic Kosi
13:55 – 14:10 pm CET	Nutritional resilience in bumblebees - Maryse Vanderplanck
14:10 – 14:25 pm CET	15-min BREAK
14:25 – 14:40 pm CET	Role of floral scents composition in plant-pollinator interactions - Arthur de Fouchier (online)
14:40 – 14:55 pm CET	Chemical ecology in arthropod-plant-microbe interactions for sustainable pest control – Maria Pappas
14:55 – 15:10 pm CET	The potential of floral scent for sustainable pest control of the Western corn rootworm - Stefan Dötterl
15:10 – 15:20 pm CET	General discussion on Session 4
15:20 – 15:35 pm CET	15 min COFFEE BREAK
Session 5: Effects of climate change in chemical ecology methods	
15:35 – 15:50 pm CET	Volatile organic compounds as biomarkers for plant diseases: A case study in wheat - Andrea Ficke
15:50 – 16:05 pm CET	Assessing the impact of abiotic factors on the emission dynamics of floral volatile organic compounds - Magali Proffit

16:05 – 16:20 pm CET	Nose-blind aquatic ecosystems - impacts of climate change and ways of mitigation - <i>Christina Roggatz</i>
16:20 – 16:35 pm CET	Ecosystem management and preservation: the role of chemical ecology in the Antarctic marine benthos - <i>Conxita Avila</i>
16:35 – 16:45 pm CET	General discussion on Session 5
16:45 – 17:00 pm CET	15-min BREAK
17:00 – 18:00 pm CET	Discussion & Conclusions <i>Moderators: Maria Pappas & Conxita Avila</i>