

FAME Symposium 2016

Monday 19 December 2016

Symposia: 5 min introduction convener(s), Opening talks 25 mins, other talks 15 mins (symposium 3 and 4 introduction + opening talk 40 mins)

Timing

8.45 h	Intro Maurice Hoffmann (NecoV) & Ellen Decaestecker (FAME) 15 mins
9.00 h	Keynotes Gerlinde de Deyn & Chris Jiggins (2 x 35 mins)
10.10 h	parallel session A (symposium 1 GCB & symposium 4 EEG) (1u40 mins)
11.50 h	lunch & coffee with posters
13.30 h	parallel session B (symposium 2 EID & symposium 6 LTER) (1u40 mins)
15.10 h	Coffee
15.30 h	parallel session C (symposium 3 FB & symposium 5 UE) (1u40 mins)
17.10 h	Keynotes Hans Van Dyck & Marc Urban (2x35 mins)
18.20 h	End mixer FAME - Opening mixer EVENET (until?)

Keynote talks

Keynote 1	Gerlinde De Deyn (UWageningen) - Illuminating the soil black box to unlock its potential
Keynote 2	Chris Jiggins (UCambridge) - How do genomes diverge during adaptive radiations?
Keynote 3	Hans Van Dyck (UCLouvain) - Biological success in the Anthropocene: find the way out of the forest
Keynote 4	Mark Urban (UConnecticut) - Improving the forecast for biodiversity under climate change

Symposium 1: Global change and biodiversity: impact and mitigation

Conveners	Maaike Weijters (B-WARE), Koen Sabbe (UGent)
Opening talk 1	Frederik De Laender (UNamur) - Biodiversity, ecosystem function, and environmental change
Opening talk 2	Hilde Tomassen (B-WARE) - Phosphate stripping by hypolimnic oxygenation of Lake Ouderkerk: a highly effective measure to control cyanobacterial blooms
Talk 1	Elie Verleyen (UGent) - The polar lacustrine microbiome: centres of endemism under changing climates
Talk 2	Eva Van Den Elzen (Raboud University Nijmegen) - From carbon source to carbon sink: strong reduction of greenhouse gasses by rewetting of agricultural peatlands and restoring peat moss vegetation
Talk 3	Haben Blondeel (UGent) - Disentangling interactive effects of past and present environmental changes on forest herbs in a multi-factor experiment

Symposium 2: Emerging infectious diseases

Conveners	Tine Huyse (Museum Tervuren), Peter Goethals (UGent), Ellen Decaestecker (KU Leuven-Kulak)
Opening talk 1	Veerle Versteirt (Avia-Gis) - How spatial data can help in the battle against emerging infectious diseases
Opening talk 2	Tine Huyse (Museum Tervuren) - Tropical infectious disease in Europe: reconstructing the emergence of urinary schistosomiasis in Corsica (France)
Talk1	Tinne Lernout (WIV-ISP) - <i>Update on Lyme disease in Belgium</i>
Talk2	Hans Keune (INBO) - Report from the European OneHealth/EcoHealth Brussels workshop 2016
Talk3	Lien Reyserhove (KU Leuven-Kulak) - Elemental changes along a spatial gradient: does it impact zooplankton-parasite interactions?

Symposium 3: Functional biodiversity

Convener	Lander Baeten (UGent)
Opening talk	Fons van der Plas (Senckenberg Biodiversity Institute) - Biodiversity and ecosystem multifunctionality in European forests
Talk 1	Margot Vanhellemont (UGent) - Tree growth in strict forest reserves: local stand density more important than tree species diversity

Talk 2	Harry olde Venterink (VUB) - Impact of species diversity and facilitation on exotic plant invasions in the Brazilian Cerrado
Talk 3	Jonathan De Raedt (UGent, UNamur) - The effect of stress dispersal on the relationship between regional diversity and metacommunity functioning
Talk 4	Nele De Meester (UGent) - Cryptic diversity matters: ecological and functional differences in a marine nematode cryptic species complex

Symposium 4: Ecological and Evolutionary genomics

Conveners	Sofie Derycke (KBIN), Isa Schoen (KBIN)
Opening talk	Karine Van Doninck (UNamur) - Genomic evidence for ameiotic evolution and genetic exchanges in the bdelloid rotifer <i>Adineta vaga</i>
Talk 1	Janne Swaegers (KU Leuven) - Genomic signatures of rapid evolution during range expansion of the dainty damselfly (<i>Coenagrion scitulum</i>)
Talk 2	Carl Vangestel (KBIN) - Unravelling the evolutionary history of a parallel adaptive radiation of <i>Calosoma</i> beetles in the Galápagos archipelago
Talk 3	Henrik Christiansen (KU Leuven) - Connectivity the Southern Ocean: population genomics of icefish
Talk 4	Sofie Derycke (KBIN) - Pinpointing behavioral responses during mating using differential gene expression in the female brain of cichlid fish

Symposium 5: Urban Ecology

Conveners	Dieter Anseeuw (KU Leuven – Vives), Raf Aerts (KU Leuven)
Opening talk	Ben Somers (KU Leuven) - The role of plants in an urbanizing world? Monitoring the ecosystem services of urban green through geo-technology
Talk 1	Karen Cox (INBO) – Effects of a heterogeneous and highly urbanized landscape on gene flow in a coastal amphibian metapopulation
Talk 2	Karen Wuyts (UA) - Leaf bacterial community composition in urban environments
Talk 3	Jelle Hoffman - Impact of an urban tree crown on the local distribution of atmospheric dust (PM10) inside an urban street canyon in Antwerp, Belgium
Talk 4	Andros Gianuca (KU Leuven) - Taxonomic, functional and phylogenetic metacommunity ecology of zooplankton along urbanization gradients

Symposium 6: Long Term Ecosystem Research

Conveners	Ann Milbau (INBO), Nathalie Cools (INBO)
Opening talk 1	Kris Vandekerckhove (INBO) - Long-term ecological research in strict forest reserves in Flanders (Belgium): what have we learnt so far?
Opening talk 2	Kris Verheyen (UGent) - Functional Biodiversity FORBIO: overview of five years of research in a large tree biodiversity experiment
Talk 1	Juidth Sitters (VUB) - The Kenya Long-Term Exclosure Experiment (KLEE): large mammals as drivers of savanna dynamics
Talk 2	Marilyn Roland (UA) - The Integrated Carbon Observation Network (ICOS) in Belgium – an overview
Talk 3	Gunther Van Ryckegem (INBO) - Long term monitoring in the Sea Scheldt estuary: the baseline for ecological system understanding and a driver for research questions

