

# Spring Symposium Quick Guide 2019



All sessions will be held in Auditorium 2, Infocentre, Viikki Campus.

## MONDAY 4TH MARCH 2019

9:15 Otso Ovaskainen Opening Words

### KEYNOTE TALK

CHAIR: ANDREW HOUSE

9:30 Dan Warren The age of big data in correlative ecology

10:30 COFFEE

### SESSION I

CHAIR: ANDREW HOUSE

10:50 Joel Jalkanen Spatial prioritization of urban biodiversity, recreation use, and health effects

11:10 Marju Prass Enhancing natural biocontrol: could a snail control the invasive lupine?

11:30 Jussi Mäkinen Predictive species distribution models need to account for spatial confounding

11:50 Sinikka Robinson Impacts of environmental temperature on the stability of terrestrial communities

12:10 LUNCH

### SESSION II

CHAIR: MIKKO KIVIKOSKI

13:20 Tuuli Rissanen Importance of cryosphere in studying species' distributions

13:40 Pekka Niittynen Winter outweighs summer climate in driving Arctic tundra vegetation

14:00 Konsta Happonen The causes of plant community functional variation in a tundra landscape

14:20 Julia Kempainen Shrubs constructing tundra soils

14:40 COFFEE

### SESSION III

CHAIR: MIKKO KIVIKOSKI

15:00 Sirja Viitamäki Functions and activity of microbial communities in the changing Arctic

15:20 Matti Ruuskanen Sediment DNA in the Northern Hemisphere tracks anthropogenic Hg deposition

15:40 Toni Eerola Mineral exploration company websites in Finland: sustainability, technology and social license to operate



## TUESDAY 5TH MARCH 2019

### KEYNOTE TALK

CHAIR: MARION SINCLAIR-WATERS

9:30 Roosa Laitinen What can *A. thaliana* hybrids tell us about evolution?

10:30 COFFEE

### SESSION IV

CHAIR: MARION SINCLAIR-WATERS

10:50 Twinkle Solanki UV-screening and recovery of spring photosynthetic capacity in evergreen shrubs  
11:10 Samuli Junntila Using multispectral terrestrial lidar for early detection of tree decline  
11:30 Charlotte Angove Nutrient cycling by aquatic plants  
11:50 Suvi Sallinen Plant fitness effects of varying pathogen communities

12:10 LUNCH

### SESSION V

CHAIR: WENFEI LIAO

13:20 Hanna Rosti Identity, population size and conservation status of the enigmatic Taita Dwarf Galago  
13:40 Joni Ollonen Genotype-phenotype mapping of skull development and adaptation in squamate reptiles  
14:00 Katja Koskenpato Geographical variation in plumage coloration in the colour polymorphic tawny owl  
14:20 Irene Conenna Space use and movement seasonality of a desert-dwelling bat

14:40 COFFEE

### SESSION VI

CHAIR: WENFEI LIAO

15:00 Annikka Herrero Formation of local populations for Eurasian lynx  
15:20 Milla Salonen Cat behavior: an evolutionary perspective  
15:40 Linda Loikkanen Antibodies against hepatitis E virus in Finnish moose

16:00 POSTER SESSION

18:00 DINNER\*

\*Please contact [marion.sinclair-waters@helsinki.fi](mailto:marion.sinclair-waters@helsinki.fi) in advance.



## WEDNESDAY 6TH MARCH 2019

### KEYNOTE TALK

CHAIR: AINA BRIAS-GUINART

9:30 Philine Feulner Genomics of rapid adaption

10:30 COFFEE

### SESSION VII

CHAIR: AINA BRIAS-GUINART

10:50 Xueyun Feng Introgression in the nine-spined stickleback  
11:10 Marion Sinclair- Waters Moving beyond single SNP approaches for understanding the genetic basis of complex traits: a case study in Atlantic salmon  
11:30 Bohao Fang How parallel is parallel evolution? The case of the three-spined stickleback  
11:50 Jack Beresford Gene expression in the genomes of hybrid *Formica rufa* group ants

12:10 LUNCH

### KEYNOTE TALK

CHAIR: TORSTI SCHULZ

13:20 Laurent Keller Sex, sociality, and supergenes

14:20 COFFEE

### SESSION VIII

CHAIR: TORSTI SCHULZ

14:40 Filipe Chichorro Using computer simulations of virtual organisms to understand which traits drive them to extinction  
15:00 Mervi Laaksonen Species and their traits in dead pines  
15:20 Janne Koskinen Fungus-associated arthropods  
15:40 Ana Salgado Drought alters host plant quality and threatens its insect herbivore

18:00 GRANDE FINALE (REGISTRATION REQUIRED)

## POSTER SESSION\*

1	Meri Lähteenaro	The twisted-wing parasitoid genus <i>Stylops</i> (Strepsiptera: Stylopidae) in Finland
2	Sonja Still	Summer and winter leaves of woodland strawberry ( <i>Fragaria vesca</i> ) genotypes
3	Jakke Neiro	Evodevo of insect wing venation
4	Suamya Mehta	Novel inhibitors of intracellular lipid phosphatase SHIP2 and their effects
5	Anna Lyssenko	Biodiversity and oxygen dynamics within seagrass and macroalgal canopies
6	Heli Kainulainen	Shrubification of the Arctic - Modelling distribution changes of tree species
7	Markus Korpela	Autoimmune Regulator
8	Raphaël Martin-Roy	Can hybridization fuel adaptation under climate change?
9	Assia Pekonen	The nectar source plants in the field margins in Southern Finland

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\*The Poster Session is on Tuesday, 5th March 2019, from 16:00 – 18:00.