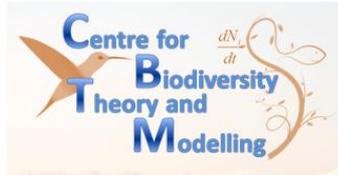


Workshop on experimental and theoretical approaches to habitat fragmentation

October 4th – 7th 2014

Moulis, France



Saturday, 4th of October

Metapopulation dynamics and species interactions

7.30 Breakfast

8.45 introductory talk and other issues

Chair Baguette

9.00 **Will Cook**: Patch size, edge effects and the constraints of landscape scale

9.25 **Fangliang He**: methods for estimating the risk of species extinction

9.50 **Lars Brudvig**: "Toward a mechanistic understanding of how habitat fragmentation affects plant population dynamics."

10.15 **Emilio Bruna**: Plant demography in fragmented landscapes: Do we really know as little as I think we do?

10.40 coffee break

Chair Travis

11.10 **Jean Clobert**: A revisitiation of metapopulation functioning

11.35 **John Orrock**: Fragmentation, stochasticity, and determinism: Spatial perspectives on competition and the fixation of novel alleles

12.00 **Otso Ovaskainen**: How fragmentation influences species and communities: insights from models and fungi

12.25 **Brett Melbourne**: Quantitative approaches to population and community dynamics in fragmented landscapes

13.15: Lunch

14.00 discussion about working groups and other issues

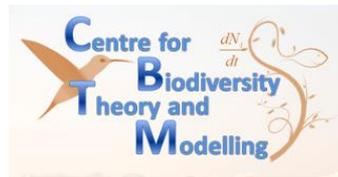
14.30-16.30 working groups

- Metapopulation dynamics (hotel)
- Extinction (labo conf)
- Species interaction (labo aqua)

Chair Ovaskainen

17.00-19.00 reporting of working groups

20.00: Dinner



Sunday, 5th of October

Dispersal and evolution

7.30 Breakfast

Chair Brudvig

9.00 **Michel Baguette**: Individual variation in mobility and selection on dispersal syndromes along fragmentation gradients

9.25 **Ellen Damschen**: Connectivity effects on plant community dynamics

9.50 **Annie Ouin**: The fragmented forest of farmland in South Western France: the effects of isolation, small size and edges on biodiversity.

10.15 **Julian Resasco**: Landscape corridors and invasive species

10.40 coffee break

Chair He

11h10 **Delphine Legrand**: Evolution of mobility and dispersal within fragmented protist microcosms

Climate change, conservation and experiments

11.35 **Priyanga Amarasekare**: Dispersal, species interactions and climate change

12.00 **Andreas Huth**: Forest fragmentation in the tropical

12.30: Lunch

Dispersal and evolution

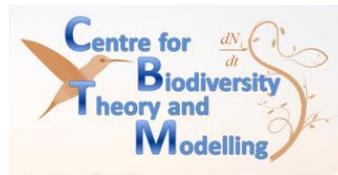
14.00-16.00 discussions working groups

- Corridor (hotel)
- Disp and metapop (labo conf)
- Evolution (labo aqua)

Chair Damschen

16.30-18.30 reporting of working groups

20.00 Dinner



Monday, 6th of October

Climate change, conservation and experiments: continued

Chair Melbourne

9.00 **Elvire Bestion**: Impacts of climate change in small populations

9.25 **Nick Haddad**: Reducing fragmentation's harmful effects of conservation of biodiversity and ecosystem services

9.50 **Shawn Leroux**: Conservation beyond crisis management: A new model for comprehensive planning for sustainability

10.15 **Justin Travis**: Dispersal and range shifts across fragmented landscapes

10.40 Coffee break

Chair Haegeman

11.10 **Kendi Davies**: the wog wog long term experiments

11.35 **Bob Holt**: Conceptual background of KS

12.00 **Cécile Albert**: "Impact of land use and climate change on biodiversity in a fragmented landscape" from Albert Cécile, Rayfield Bronwyn, Dumitru Maria and Gonzalez Andrew

12.30 : lunch

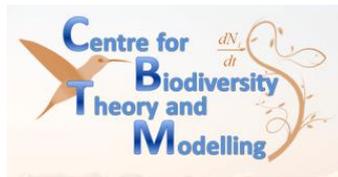
14.00-16.00 discussion groups

- Climate change (hotel)
- Conservation biology (labo conf)
- Experiments (labo aqua)

Chair Holt

16.30-18.30 reporting of working groups

20.00: Dinner



Tuesday, 7th of October

Community, ecosystem and succession

7.30: Breakfast

Chair Gonzalez

9.00 **Michel Loreau**: Biodiversity, ecosystem functioning, and ecosystem stability across multiple scales in metacommunities

9.25 **Shaopeng Wang**: Spatial Dynamics and metacommunity stability

9.50 **Dominique Gravel**: Habitat size and isolation impact body size distribution and network structure

10.15 **Nerea Abrego**: Response interactive fungal associations to forest fragmentation

10.40 Coffee break

Chair Gravel

11.10 **Bart Haegeman**: Consumers dispersal resource competition, and metacommunity diversity

11.35 **Cathy Collins**: MacArthur-Wilson: linking below- and above-ground processes in fragmented landscapes

12.00 **Andrew Gonzalez**: From biodiversity change to ecosystem services: current challenges and new opportunities for fragmentation research

12.30 Lunch

14.00-16.00 discussion groups

- metacommunity dynamics (hotel)
- disturbance and succession (labo conf)
- ecosystem function (labo aqua)

Chair Loreau

16.30-18.30 reporting of working groups

Chair Haddad

18.30 Where to go?

20.00 Dinner