

## Part 1. Ecology Evolution and Conservation of Arthropods

### Wednesday July 18, Morning

- 10:00 **485.** Parsimony Analysis of Spider Distributions in the Caribbean  
**Klawinski Paul**  
[klawinskip@william.jewell.edu](mailto:klawinskip@william.jewell.edu)
- 10:20 **515.** The use of different methods to sample the bee fauna (Hymenoptera, Apoidea), a study in the Araucaria Forest in Santa Catarina, Brazil.  
**Krug Cristiane and Alves-dos-Santos Isabel**  
[isabelha@usp.br](mailto:isabelha@usp.br)
- 10:40 **301.** Fuzzy set in the evaluation of the conservation state of the land use systems in the Occidental Amazonia, using beetles (Scarabaeidae) as bioindicators  
**Urushima Navares Elisa Toshie**  
[elisanavares@uol.com.br](mailto:elisanavares@uol.com.br)
- 11:00 Coffee break
- 11:20 **131.** Rapid spatial turnover of invertebrate communities within habitats: Implications for planning protected areas in Amazonian terra firme forests  
**Larsen Trond**  
[tlarsen@princeton.edu](mailto:tlarsen@princeton.edu)
- 11:40 **513.** Natural history and conservation of the brazilian oil-collecting bees  
**Alves-dos-Santos Isabel**  
[isabelha@usp.br](mailto:isabelha@usp.br)
- 12:00 **313.** Low beta diversity of ambrosia beetles (Coleoptera: Curculionidae: Scolytinae and Platypodinae) in lowland rainforests of Papua New Guinea  
**Hulcr Jiri**  
[hulcr@msu.edu](mailto:hulcr@msu.edu)
- 12:30 Lunch

## Part 2. Ecology Evolution and Conservation of Arthropods

### Wednesday July 18, Afternoon

- 14:00 **642.** Paper Wasp Brains: Neural Mirrors of Ecological Strategies and Social Organization  
**Molina Yamile, Harris Robin and O'Donnell Sean**  
[ymolina@u.washington.edu](mailto:ymolina@u.washington.edu)
- 14:20 **228.** Landscape patterns of honeybee production in Puerto Rico in response to climate change  
**Delgado Diana, Galindo-Cardona Alberto and Restrepo Carla**  
[dianadelourdes@hotmail.com](mailto:dianadelourdes@hotmail.com)
- 14:40 **222.** Characterization of leaf galls of the pepper shaft, *Erythrina lithospermae* in Gisting – Lampung Province, Indonesia  
**Nukmal Nismah, Widiastuti Endang and Sari Evita**  
[nnukmal@yahoo.com](mailto:nnukmal@yahoo.com)

15:00 Coffee break