



## SCIENTIFIC PROGRAM

June 23<sup>th</sup>

8:00 – 18:00 Arrival of participants, and registration

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June 24<sup>th</sup>

Session: **Species and populations**

Chaired by Nina Rønsted and Jean-Yves Rasplus

- 8:30 **Opening ceremony**
- 9:00 **Keynote Talk: The global phylogeny of *Ficus* – current status.**  
*Nina Rønsted, Wendy Clement & George Weiblen*
- 10:00 **Taxonomy and systematics of *Ficus* subsection *Urostigma*.**  
*Bhanumas Chantarasuwan, Cornelis Berg, Finn Kjellberg, Marjorie Garcia & Peter van Welzen*
- 10:30 **Coffee break + Poster section**
- 11:00 **Adaptations and constraints on dioecious *Ficus* phenology.**  
*Anthony Bain, Lien-Siang Chou, Hsy-Yu Tzeng, Martine Hossaert McKey & Finn Kjellberg*
- 11:20 **Stability and instability in the fig wasp mutualism: genes, chemicals, populations, species and beyond.**  
*Allen Herre*
- 11:40 **Water availability determines the richness and abundance of Neotropical fig trees.**  
*Rodrigo Pereira, Luis Coelho & Milton Ribeiro*
- 12:20 **Lunch**
- 14:00 **Keynote Talk: Cleaning-up the fig wasp taxonomy... it's time to put order in the mess!**  
*Jean-Yves Rasplus & Astrid Cruaud*
- 15:00 **The global phylogeny of the Agaonidae: were previous analyses misled by a long branch attraction artefact?**  
*Astrid Cruaud & Jean-Yves Rasplus*
- 15:20 **Taxonomy revision and molecular phylogeny of the fig wasp genus *Anidarnes* Bouček, 1993 (Hymenoptera, Sycophaginae) with comments on related Sycophaginae groups.**  
*Fernando Farache, Astrid Cruaud, Gwenaëlle Genson, Rodrigo Pereira & Jean-Yves Rasplus*
- 15:40 **Coffee Break + Poster section**
- 16:10 **The global phylogeny of the subfamily Sycoryctinae (Pteromalidae): Parasites of an obligate mutualism.**  
*Simon Segar, Carlos Lopez-Vaamonde, Jean-Yves Rasplus & James Cook.*
- 16:30 **A fig wasp living fossil (Hymenoptera, Chalcidoidea, Agaonidae,) pollinating some extant fig species of New World *Pharmacosycea* (*Ficus*, Moraceae).**  
*William Ramírez*
- 16:50 **What do experimental hybrid fig trees tell us about the relationship between fig trees and their pollinators?**  
*Stephen Compton, Nazia Suleman & Shazia Raja*
- 19:00 **Evening reception**



June 25<sup>th</sup>

Session: **Non-pollinating fig wasps and other organisms**

Chaired by Stephen Compton and Finn Kjellberg

- 8:30 **Keynote Talk: This little world' - the ecological communities associated with figs.**  
*Stephen Compton*
- 9:30 **The parasitic wasps of *Ficus guianensis*: temporal and trophic community structure, impact on the fig-pollinator mutualism.**  
*Marina Ciminera, Lucie Conchou, Finn Kjellberg & Martine Hossaert-McKey*
- 9:50 **Effect of landscape structure on richness and abundance of fig wasps associated to Neotropical fig tree species with different ecological strategies.**  
*Ludmila Rattis-Teixeira, Monise Cerezini, Luis Coelho, Milton Ribeiro & Rodrigo Pereira*
- 10:30 **Coffee break + Poster section**
- 11:00 **Ovipositor structure mirrors ecology in a multitrophic fig wasp community.**  
*Renee Borges*
- 11:20 **Non pollinating fig wasps oviposition strategies and fig morphology.**  
*Larissa Elias, Finn Kjellberg & Rodrigo Pereira*
- 11:40 **Rapid evolution of *Wolbachia* sequences inside the compact fig syconia of *Ficus benjamina* (*Ficus*: *Moraceae*).**  
*Chun-Yan Yang, Jin-Hua Xiao, Li-Ming Niu, Sheng-Nan Bian, Yue-Guan Fu & Da-Wei Huang.*
- 12:00 **Lunch**
- 14:00 **Keynote Talk: Predictable patterns of feeding regime diversification in non-pollinating fig wasps.**  
*Finn Kjellberg, Astrid Cruaud, Larissa Elias, Rodrigo Pereira & Jean-Yves Rasplus*
- 15:00 **Indirect mutualism: ants protect fig seeds and pollinators from parasites.**  
*K. Charlotte Jandér*
- 15:20 **Oviposition patterns of three internal ovipositing fig wasps of *Ficus curtipes*.**  
*Huan-Huan Chen, Da-Rong Yang & Yan-Qiong Peng*
- 15:40 **Coffee break + Poster section**
- 16:10 **Gall induction and larval development of *Idarnes* group *flavicollis* associated to *Ficus citrifolia* in Brazil.**  
*Sergio Jansen-Gonzalez, Simone Teixeira, Finn Kjellberg & Rodrigo Pereira*
- 16:40 **Specialization and host preferences in Neotropical non-pollinating fig wasps (Hymenoptera: Chalcidoidea).**  
*Fernando H .A. Farache & Rodrigo A.S. Pereira*
- 17:00 **Non-wasp fauna associated with Neotropical fig trees: insights for studies on community ecology.**  
*Luciano Palmieri, Fernando Farache & Rodrigo Pereira*
- 17:20 **Ants nesting within branches of *Ficus subpisocarpa* in Taiwan.**  
*Anthony Bain, Bhanumas Chantarasuwan, Martine Hossaert-McKey, Bertrand Schatz, Finn Kjellberg & Lien-Siang Chou*
- 19:00 **Evening cultural event**  
**Music and Dance Presentation**



VIII International Fig Symposium  
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June 26<sup>th</sup>

Session: **Conflicts of the mutualism**

Chaired by Finn Kjellberg

- 8:30 **Keynote Talk: Is there really a fig-pollinating wasp conflict? Some provocative thoughts on “selection for the mutualism”.**  
*Finn Kjellberg*
- 9:30 **Performance of *Pegoscopus* sp. in pollinated and unpollinated figs in *Ficus citrifolia*.**  
*Sergio Jansen-Gonzalez, Simone Teixeira & Rodrigo Pereira*
- 9:50 **Precision of host sanctions in the fig tree – fig wasp mutualism: consequences for uncooperative pollinators.**  
*K. Charlotte Jandér, Allen Herre & Ellen Simms*
- 10:20 **Coffee break + Poster section**
- 11:00 **Absence of host sanctions promotes the evolution of pollinator wasp cheating in *Eupristina* wasps associated with the Asian fig, *Ficus altissima*.**  
*Jiang-Bo Zhao, Da-Rong Yang, Carlos Machado, Yan-Qiong Peng & K. Charlotte Jander & E. Allen Herre*
- 11:20 **Syconium size and variation in conflict between fig-pollinator mutualists.**  
*Derek Dunn, Sarah Al-Beidh, Simon Segar, Douglas Yu, Jo Ridley, Rodrigo Pereira & James Cook*
- 11:40 **Asymmetric and indeterminate interaction in the evolution of cooperation or altruism.**  
*Rui-Wu Wang, Lei Shi, Bao-Fa Sun, Qi Zheng & Lixing Zhu.*
- 12:00 **Lunch**
- 14:00 **Visit to University of São Paulo (Lab of reproductive fig biology + fig trees)**
- 18:00 **Dinner**
- 19:30 **Evening cultural event: Chamber Music (Dom Pedro II Theatre)**  
<http://www.youtube.com/watch?v=CDpTUCIWW10>

June 27<sup>th</sup>

- 7:30 **Field excursion: Cerrado vegetation and fig adaptations to seasonal forests**
- 12:00 **Lunch** (Rodizio Grill - <http://en.wikipedia.org/wiki/Rodizio>)
- 15:00 **Poster section + Coffee break**
- 17:00 **Closing ceremony**
- 19:30 **Symposium dinner**



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**Post-symposium excursion: Coastal Atlantic Forest, Picinguaba - Ubatuba city**

**June 28<sup>th</sup>**

- 7:00 Departure to Picinguaba (aprox. 8 hours by coach)  
16:00 Walk around for figs. Dinner and discussions
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**June 29<sup>th</sup>**

- 8:30 Visit to Atlantic Forest and fig trees  
19:00 Visit to a historic city (Paraty) and dinner
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**June 30<sup>th</sup>**

- 6/7:00 Departure to Sao Paulo (arrival at 11:30 am) airport and Ribeirao Preto city  
OBS: exact time to confirm, according to participants' flight schedules.



Picinguaba – Ubatuba. Photo Finn Kjellberg