



XTBB

Xth International Fig Symposium Online

July 16-17, 2022



Hosted by

Xishuangbanna Tropical Botanical Garden

Chinese Academy of Sciences

OPENING SESSION: July 16, Beijing (China) time 20:00-24:00

Yan-Qiong Peng: Welcome all participants (Zoom meeting online)

Yong-Ping Yang (XTBG director): Opening remark

SESSION ONE: Beijing (China) time 20:10-24:00

Chairs: Finn Kjellberg & Simon Segar

<https://us06web.zoom.us/j/3124308960?pwd=bWZFUFVxWVpSRmpBK1oxeVB4NDFJQT09>

Zoom meeting ID: 312 430 8960, Passcode: 666666

Time	Presenter	Title	Affiliation	Country
Plenary Talk 20:10-20:50	Jean-Yves Rasplus	One the evolutionary history of fig wasps	French National Research Institute for Agriculture, Food and Environment	France
Plenary Talk 20:50-21:30	Simon Segar	Phytochemical journeys: from lowlands to highlands in New Guinea	Harper Adams University	UK
Talk 3 21:30-21:45	Jie Gao	Chromosome-scale assembly of the fig wasp genome and evolution history of the pollinator -cheater fig wasp	Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences	China
21:45-22:00	Coffee Break			
Talk 4 22:00-22:15	Justin Van Goor	Nematode infection of male fig wasps: potential benefits for nematodes and consequences for fig-fig wasp communities	University of Maryland College Park	USA
Talk 5 22:15-22:30	Yun-Peng Chiang	Fig type and wasp composition of <i>Ficus subpisocarpa</i>	National Taiwan University	China
Talk 6 22:30-22:45	Stephen G. Compton	The effects of seasonal changes on the dynamics of fig tree pollination	School of Biology, Faculty of Biological Sciences, University of Leeds	UK
Talk 7 22:45-23:00	Bai-Ge Miao	Pollinator diversification associated with <i>Ficus hispida</i>	Xishuangbanna Tropical Botanical Garden, CAS	China
Talk 8 23:00-23:15	Kinary Chiman	Fragmented <i>Ficus craterostroma</i> populations are genetically linked by their pollinator fig wasps	Section Genetics, University of Pretoria	South Africa
Talk 9 23:15-23:30	Xiaowei Zhang	Foraging adaptation by predatory ants regulate the stability of fig-wasp system	Shannxi Normal University	China
Talk 10 23:30-23:45	Li Cao	Chemical communication in a highly specialized plant-pollinator interaction: kinetic of emission of plant VOCs and genes involved in their production	Centre d'écologie fonctionnelle et évolutive, CNRS	France
Talk 11 23:45-24:00	Ai-Ying Wang	Codiversification pattern and phylogenetic cascade in a tri-trophic plant-insect community	Beijing Normal University	China

SESSION TWO: July 17, Beijing (China) time 20:00-23:30

Chairs: Finn Kjellberg & Rodrigo Augusto Santinelo Pereira

Time	Presenter	Title	Affiliation	Country
Plenary Talk 20:00-20:40	Jaco Greeff	What do fig wasp sex ratios really show?	Section Genetics, University of Pretoria	South Africa
Plenary Talk 20:40-21:20	Rodrigo Augusto Santinelo Pereira	Community structure and interaction networks of fig wasps and Neotropical fig trees	University of Sao Paulo	Brazil
Talk 14 21:20-21:40	Hui Yu	Chemoreceptor genes in fig wasps: Evolutionary insights from comparative studies	South China Botanical Garden, Chinese Academy of Sciences	China
21:40-21:45	Coffee Break			
Talk 15 21:45-22:00	Jaco Greeff	Talk 2: Why are females of the pollinating fig wasp, <i>Platyscapa awekei</i> , polyandrous?	Section Genetics, University of Pretoria	South Africa
Talk 16 22:00-22:15	Bo Wang	<i>Ficus</i> floral scent diversity and co-phylogeny of sympatric fig-fig wasp mutualism	Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences	China
Talk 17 22:15-22:30	Smita Debbarma	Pollination strategy and variables relating to reproductive success of <i>Ficus hispida</i> L. in a subtropical region, Tripura, India	Department of Botany, Tripura University	India
Talk 18 22:30-22:45	Candice Dubuisson	A comprehensive study on how tropospheric ozone threatens the specific <i>Ficus</i> /fig-wasp chemical communication in the Mediterranean region	Centre d'écologie fonctionnelle et évolutive, CNRS	France
Talk 19 22:45-23:00	Gang Wang	Rethinking why there are so many figs and fig wasps	Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences	China
Talk 20 23:00-23:15	Magali Proffit	Ozone pollution alters the olfaction and behavior of a specialized pollinator	Centre d'écologie fonctionnelle et évolutive, CNRS	France
Talk 21 23:15-23:30	Gavin C. Woodruff	Patterns of genomic diversity among island populations of the fig wasp associated nematode, <i>Caenorhabditis</i> <i>inopinata</i>	University of Oklahoma, Department of Biology	USA

POSTER SESSION: July 17, Beijing (China) time 23:30-24:00

Chair: Yan-Qiong Peng

2-3 mins per Poster

Poster	Presenter	Title	Affiliation	Country
Poster 1	Lisette van Kolschoten	Fitness losses inflicted by specialist fig-eating moths can be mitigated by ant bodyguards	Uppsala University	Sweden
Poster 2	Xiaoxia Deng	Geographic variation in plant-insect signaling: the Achilles heel of the obligate fig-fig wasp mutualism when exposed to climatic change?	South China Botanical Garden, Chinese Academy of Sciences	China
Poster 3	Sotiria Boutsis	Capturing <i>Wolbachia</i> genomes from fig wasps using custom-designed baits	Harper Adams University	UK
Poster 4	Daniel Tirapeli Felício	Biological and ecological aspects of <i>Sycobia hodites</i> Farache & Rasplus (Chalcidoidea: Pteromalidae), a new species recently introduced in the Neotropical region	University of Sao Paulo	Brazil
Poster 5	Paulo Roberto Furini	Effect of climatic oscillations on the distribution of fig tree species in the semiarid region, Brazil, during the last glacial cycle	University of Sao Paulo	Brazil
Poster 6	Karina Pentz	How do pollinating fig wasp mothers adjust their offspring sex ratios?	Section Genetics, University of Pretoria	South Africa
Poster 7	Levi Oliveira Barros	Trophic relationships in the wasp community associated with <i>Ficus citrifolia</i>	University of Sao Paulo	Brazil
Poster 8	Elmecelli Moraes de Castro Souza	Beta diversity of fig wasp communities associated with section Americanae fig trees	University of Sao Paulo	Brazil
Poster 9	Zhen Zhang	Fine-scale genetic structure and gene flow in closely related sympatric fig trees	Tongji University	China
Poster 10	Nayara Santos	Interactions within a small and a large fig: a glance on the community of fig wasps in the Brazilian savanna	University of Sao Paulo	Brazil
Poster 11	Zheng-Ren Zhang	Comparative chloroplast genome analysis of <i>Ficus</i> (Moraceae): insight into adaptative evolution and mutational hotspot regions	Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences	China