



# One-day Canopy Conference Online

18<sup>th</sup> October 2021

OPENING SESSION: Beijing (China) time 08:30-09:00

For your local time see: <https://time.is/Beijing>

**Akihiro Nakamura: Welcome to Xishuangbanna (online)**

**Yongping Yang (XTBG director): Opening remark**

**Roger Kitching: The future of canopy science: connections, connections, connections**

<https://uws.zoom.us/j/88351994447?pwd=dVJCukdheDZJMkYxeSs3SVU0VDIxZz09>

Meeting ID: 883 5199 4447

Passcode: canopyXTBG

**Funded by Biodiversity Information Fund for Asia (BIFA)**



## MORNING SESSIONS (08:30-13:00 Beijing time)

SESSION ONE: Beijing (China) time 09:00-11:00

**Chair: David Ellsworth**

**Session theme: Forest canopy ecophysiology and nutrient dynamics**

Zoom meeting  
<https://uws.zoom.us/j/88351994447?pwd=dVJCukdheDZJMkYxeSs3SVU0VDIxZz09>  
Meeting ID: 883 5199 4447  
Passcode: canopyXTBG

	Name	Affiliation	Title	Country
Talk 1 09:00-09:20	<b>Martijn Slot</b>	Smithsonian Tropical Research Institute (STRI)	TBA	Panama
Talk 2 09:20-09:40	<b>Kelsey Carter</b>	Los Alamos National Laboratory	Tropical Responses to Altered Climate Experiment (TRACE) in a Puerto Rican forest	USA
Talk 3 09:40-10:00	<b>Lan Zhang</b>	Institute of Botany, Chinese Academy of Sciences	Functional balances in forest canopy - from anatomical and physiological aspects	China
Talk 4 10:00-10:20	<b>Alexandria Pivovarovff</b>	Pacific Northwest National Laboratory	How do tropical forest carbon-water relations respond to four years of rainfall exclusion?	USA
Talk 5 10:20-10:40	<b>Meg Lowman</b>	TREE Foundation	Mission Green - a new project to conserve forests using our canopy tool kit	USA
Discussion 10:40-11:00	<b>David Ellsworth</b>	Western Sydney University	Canopy ecophysiology and climate change: is there hope to conserve canopies and not lose them to climate?	Australia

## SESSION TWO: Beijing (China) time 11:00-13:00

**Chair: Louise Ashton**

**Session theme: Vertical stratification of forest biodiversity**

Zoom meeting  
<https://hku.zoom.us/j/94055864188?pwd=KytsRk1sYWo1TytBOXVCSWtVaThXUT09>  
 Meeting ID: 940 5586 4188  
 Passcode: 045211

	Name	Affiliation	Title	Country
Talk 1 11:00-11:15	<b>Shuang Xing</b>	Biology Centre CAS, Czech Academy of Sciences	Ant assemblage turnover is greater horizontally than vertically in the world's tallest tropical forest	China
Talk 2 11:15-11:30	<b>Traylor, C.R.</b>	University of Georgia, Athens GA	Structure vs. composition: terrestrial LiDAR elucidates canopy influence on insect functional groups in invaded forests	USA
Talk 3 11:30-11:45	<b>Cheng Wenda,</b> Akihiro Nakamura, Bartosz M. Machjer, Louise Ashton	University of Hong Kong	Herbivore-parasitoid food web stability affected by heat tolerance across forest strata	China
Talk 4 11:45-12:00	<b>Nathaniel C. Bantayan,</b> 13 coauthors, and Juan Carlos T. Gonzalez	University of the Philippines Los Baños	Forest Canopy Observation, Positioning and Investigation (Forest CANOPI) Program: Developing Forest Science in the Philippines	Philippines
Talk 5 12:00-12:15	<b>Jocelyn Zarate</b> et al.	University of the Philippines Los Baños	Characterization of bacterial diversity in Mt Makiling Forest Canopy and understorey through culture and non-culture based techniques	Philippines
Talk 6 12:15-12:30	<b>Claire Gely,</b> Susan Laurance, Nigel Stork	James Cook University; Griffith University	How will increased drought affect canopy and ground level insect communities?	Australia
Talk 7 12:30-12:45	<b>José G. Palacios- Vargas</b>	UNAM	How to collect mites and springtails in the tropical rain forest of Mexico.	México
Discussion 12:45-13:00	<b>Louise Ashton</b>	University of Hong Kong		China, Australia

## NIGHT SESSIONS (20:00-24:00 Beijing time)

### SESSION THREE: Beijing (China) time 20:00-22:00

Chair: **Katerina Sam**

Session theme: **Community structures and trophic networks along canopy gradients**

Zoom meeting  
<https://cesnet.zoom.us/j/93294785667>  
Meeting ID: None  
Passcode: None

	Name	Affiliation	Title	Country
Talk 1 20:00-20:20	<b>Petr Klimes</b>	Biology Centre CAS, Czech Academy of Sciences	What do we know about the effects of environmental gradients on tropical canopy ants? Synthesis from the forest plot-based approach	Czechia
Talk 2 20:20-20:40	<b>Jan Kollross</b>	Biology Centre CAS, Czech Academy of Sciences	The effect of predator exclusion on arthropods and herbivory in Japan	Czechia
Talk 3 20:40-21:00	<b>Yingtong Amanda Wu</b>	University of Missouri - St. Louis	Larger trees of <i>Quercus humboldtii</i> (Andean oaks) in primitive forests suffer less herbivory in western cordilleras in Colombia	USA
Talk 4 21:00-21:20	Pitoon Kongnoo, <b>Akihiro Nakamura,</b> Masatoshi Katabuchi	Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences	Relative importance of environmental and biotic factors shaping community assembly of arboreal ants in rubber plantations and rainforests	China, Thailand, Japan
Talk 5 21:20-21:40	<b>Xaali O'Reilly- Berkeley</b>	Manchester Metropolitan University	Height, forest type, and habitat complexity affect invertebrate community in epiphytic bromeliads	UK
Talk 6 21:40-22:00	<b>Katerina Sam</b>	Biology Centre CAS, Czech Academy of Sciences	Vertical stratification of bird communities of a tropical forest and their ecological importance	Czechia

## SESSION FOUR: Beijing (China) time 22:00-24:00

**Chair: Akihiro Nakamura & Martin Gossner**

**Session theme: Open (any canopy related topics)**

Zoom meeting  
<https://wsl.zoom.us/j/64485649203?pwd=OUdXQUZod0hPdFhuTDhRdTFITFhFUT09>  
 Meeting ID: 644 8564 9203  
 Passcode: 753419

	Name	Affiliation	Title	Country
Talk 1 22:00-22:15	<b>Michael Eisenring</b> , Unsicker, S. B. and Lindroth, R. L.	University of Wisconsin-Madison; Swiss Federal Research Institute WSL; Max Planck Institute for Chemical Ecology	Spatial, genetic and biotic factors shape within-crown leaf chemistry and herbivore performance in a foundation tree species	USA, Switzerland, Germany
Talk 2 22:15-22:30	<b>Monica B. Berdugo</b> , Leander Heyer, Nada Nolic, Karen Suárez, Jörg Bendix, and Maaïke Y. Bader	University of Marburg; Federal University of Pernambuco	High-resolution canopy climate data series	Germany
Talk 3 22:30-22:45	<b>Ed Basham</b>	University of Florida	The vertical stratification of tropical forest vertebrates: A meta-analysis	USA
Talk 4 22:45-23:00	<b>Elodie Le Souchu</b> , Thomas Cochenille, Stéphanie Bankhead, Christophe Bouget and Aurélien Sallé	INRAE, University of Orléans; INRAE, UR EFNO	Oak decline has contrasting effects on trophic guilds of canopy-dwelling Hymenoptera	France
Talk 5 23:00-23:15	<b>Megan Rhianna Quail</b> , Sven P. Batke, Thom Dallimore, and Flavio Ramos	Edge Hill University; Federal University of Alfnas	Surrounded by concrete – genetic isolation of <i>Tillandsia recurvata</i> in an urban landscape in South-eastern Brazil	UK, Brazil
Talk 6 23:15-23:30	<b>Yung-Hsiang (Sky) Lan</b>	Oregon State University	Disease patterns of Swiss needle cast in young and mature Douglas-fir forests in western Oregon, USA	USA
Talk 7 23:30-23:45	<b>Cassandra Garcia</b>		Understanding adaptations to fog and dew use in epiphytic Bromeliaceae	
Discussion 23:45-24:00	<b>Martin Gossner, Akihiro Nakamura, Gbadamassi G. O. Dossa</b>	Swiss Federal Research Institute WSL; Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences	Global scale international collaborations: what are needed?	China, Switzerland