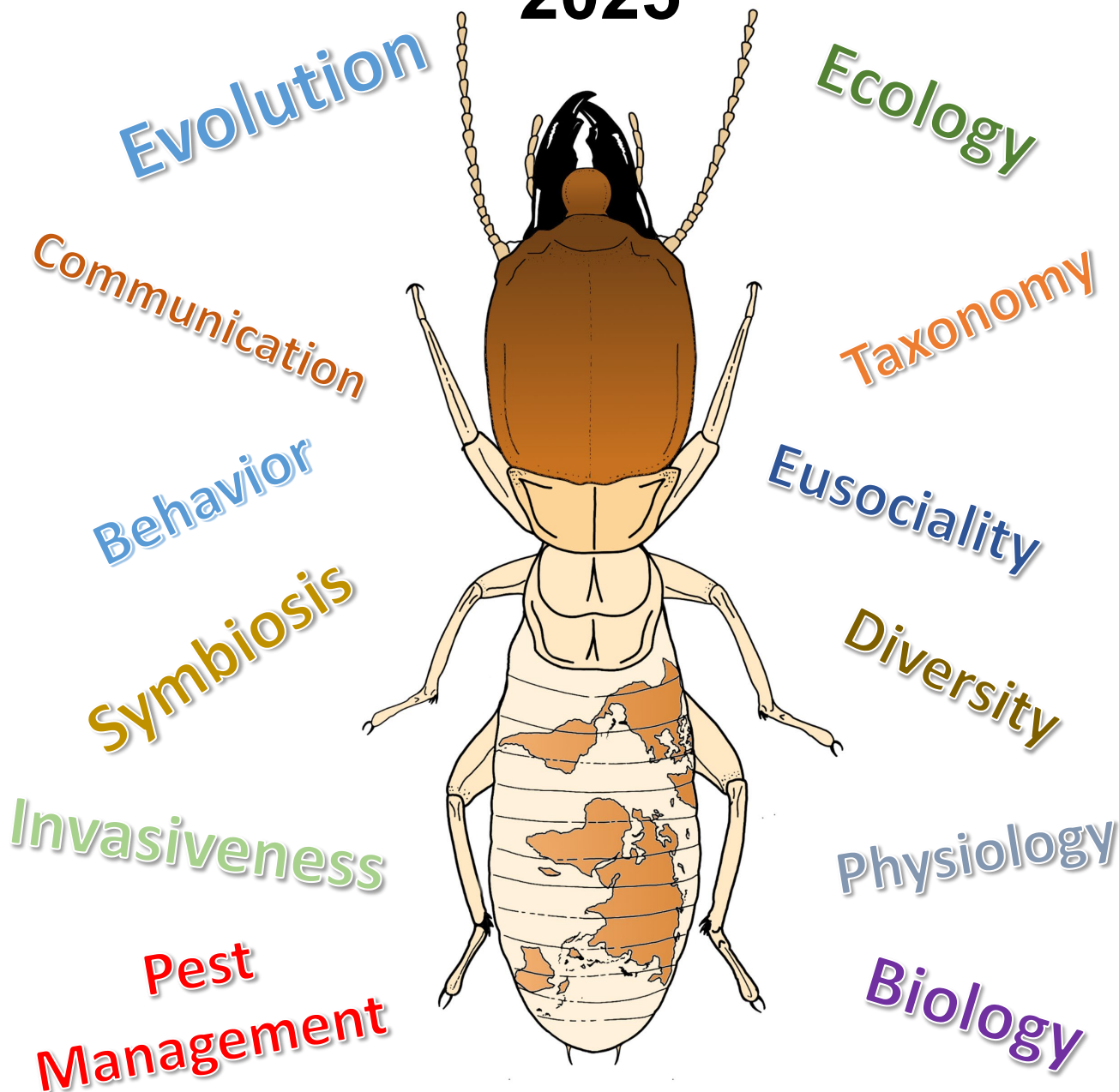


International Termite Course 2025



June 09-14, 2025

Ft. Lauderdale Research and Education Center

3205 College Avenue | Davie FL, 33314

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International Termite Course 2025

Ft. Lauderdale Research and Education Center
University of Florida, 3205 College Ave., Ft. Lauderdale, FL 33314
<https://conference.ifas.ufl.edu/termite/>

Organizer: **Thomas Chouvenc** tomchouv@ufl.edu

Dates: Event: June 09-14, 2025

Location: FLREC room T103-104

Listed Instructors: (Alphabetically)

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On the next three pages: This is a tentative schedule of the course and is subject to change

Monday 9-Jun		
Core 1. Introduction Termite Diversity and Phylogeny	min	Mod
Registration Lobby (7:30-8:00)	30	
Introduction and presentation Thomas Chouvenc (8:00-8:40)	40	Carrijo
Terminology, life cycle, anatomy, research history Thomas Chouvenc (8:40-9:20)	40	
Termites of the world- Non-termitidae diversity Jan Šobotník (9:20-10:00)	40	
Break (10:00-10:15)	15	
Termites of the world- Termitidae diversity Jan Šobotník (10:15-11:00)	45	Mikaelyan
Termite Phylogeny Simon Hellemans (11:00-11:40)	40	
Biogeography and dispersal Aleš Buček (11:40-12:00)	20	
Lunch (12:00-13:00)	60	
Core 2. General Termite Biology		Mod
Caste determination and developmental pathways Yves Roisin (13:00-14:00)	60	Li
Colony foundation and demographics Thomas Chouvenc (14:00-15:00)	60	
Break (15:00-15:15)	15	
Defense strategies in termites Jan Šobotník (15:15-16:15)	60	McMahon
The broader insect sociality context Thomas Chouvenc (16:15-16:40)	35	
Living with termites Aaron Mullins (16:40-17:00)	20	
Welcome Diner (17:00) Social, open ended		

Tuesday 10-Jun		
Core 3. Feeding Ecology Digestion and Symbiosis	min	Mod
Coffee Snacks (7:30-8:00)	30	
Termite feeding groups and ecology Jan Šobotník (8:00-8:50)	50	Chouvenc
Termit gut morphology and functions Tiago Carrijo (8:50-9:30)	40	
Digestion in termites Aram Mikaelyan (9:30-10:00)	30	
Break (10:00-10:15)	15	
Protozoa biology and associations with termites Gillian Gile (10:15-11:30)	75	Bucek
Termitomyces in Macrotermitinae Hou-Feng Li (11:30-12:00)	30	
Lunch (12:00-13:00)	60	
Core 4. General Biology and Ecology at the Family Level		Mod
Minor families (Mastotermitidae+ Teletisoptera) Thomas Bouguignon (13:00-13:30)	30	Roisin
Kalotermitidae Rudolph Scheffrahn (13:30-14:10)	40	
Stylotermitidae Hou-Feng Li (14:10-14:20)	10	
Neoisoptera (-Heterotermitid and Termitid) Jan Šobotník (14:20-14:50)	30	
Break (14:50-15:05)	15	
Heterotermitidae Thomas Chouvenc (15:05-15:25)	15	Sun
Termitidae Yves Roisin (15:25-16:25)	60	
Controversial Terms used in termite biology Tiago Carrijo (16:25-17:00)	35	
Social, open ended (17:00)		

Wednesday 11-Jun		
Core 5. Termite Evolution Part I	min	Mod
Coffee Snacks	30	
Evolution of sociality in termites Thomas Chouvenc (8:00-9:00)	60	Lee
Origin of sociality Yves Roisin (9:00-10:00)	60	
Break (10:00-10:15)	15	
Social complexity in termites Judith Korb (10:15-11:15)	60	Matsuura
Open discussion (11:15-12:00)	45	
Lunch (12:00-13:00)	60	
Core 6. Termite Evolution Part II		Mod
Parthenogenesis and AQS in termites Kenji Matsuura (13:00-13:45)	45	Gile
Introduction to genomics in termites Thomas Bouguignon (13:45-14:15)	30	
Genomics and termite sociality Mark Harrison (14:15-14:45)	30	
Break (14:45-15:00)	15	
Transgenerational epigenetic effects on caste determination Kenji Matsuura (15:00-15:45)	45	Harrison
Genomics and Termite Immunity Dino McMahon (15:45-16:45)	60	
Field trip preparation Mullins (16:45-17:00)	15	
Social, open ended (17:00)		

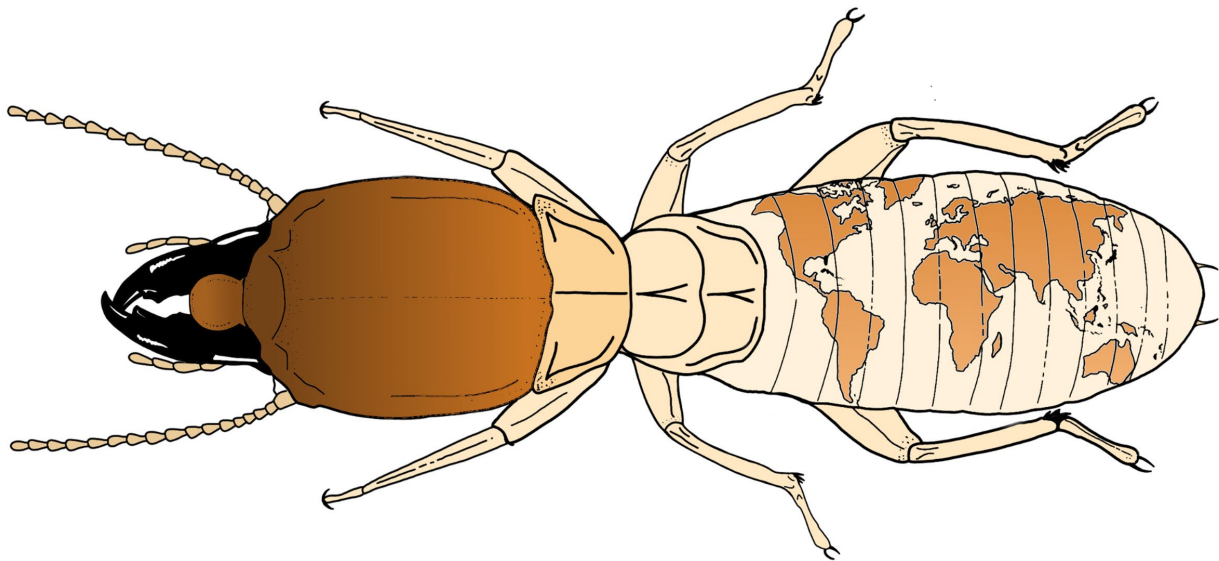
Thursday 12-Jun		
Field Trip	min	Mod
Coffee Snacks	30	
Meet and prepare at FLREC Car pooling (8:00-8:40)	40	Mullins / Chouvenc
Commute to Secret Wood	20	
Field trip Aaron Mullins Park opens at 9:00Am Leave around 11:40	160	
Return to FLREC	20	
Lunch (12:00-13:00)	60	
Student Symposium 10 minutes talks		Mod
Graduate Student mini-symposium Part I		Gordon / Chouvenc
Break (15:00-15:15)	15	
Graduate Student mini-symposium Part II		
Social, open ended (17:00)		

Friday 13-jun		
Core 7. Termite Behavior and Communication	min	Mod
Coffee Snacks	30	
Chemical communication Qian "Karen" Sun (8:00-8:30)	30	Bardunias
Evolution of alarm behaviors Jan Šobotník (8:30-9:00)	30	
Mating behavior Nobuaki Mizumoto (9:00-9:35)	35	
Molting associated behaviors Thomas Chouvenc (9:35-9:45)	10	
Break (9:45-10:00)	15	
Foraging behaviors in termites Paul Bardunias (10:00-10:40)	40	Josens
Polyethism in termites Sang-Bin Lee (10:40-11:20)	40	
The termite way of the dead, policing and reproduction Qian "Karen" Sun (11:20-12:00)	40	
Lunch (12:00-13:00)	60	
Core 8. Termite pest management		Mod
Termite pest species, termite control research Thomas Chouvenc (13:00-13:13:20)	20	Korb
Drywood termite control techniques Rudi Scheffrahn (13:20-13:50)	30	
Principle of IPM and introduction of baits Nan-Yao Su (13:50-15:00)	70	
Break (15:00-15:15)	15	
What is this termite? (Sobotnik)	30	Dedeine
Colony demographics and control strategies Thomas Chouvenc (15:45-16:45)	60	
Termitid pests and their control Hou-Feng Li (16:45-17:00)	15	
Social, open ended (17:00)		

Saturday 14-Jun		
Mini symposiums of flash talks Biogeography, Hybrids, Symbiosis	min	Mod
Coffee Snacks	30	
Africa, Roisin (8:00-8:16)	16	Velenovsky
Neotropics, Carrizo (8:16-8:28)	12	
India, Kalleshwara (8:28-8:40)	12	
Southeast Asia, Li (8:40-8:52)	12	
Australia, Bourguignon (8:52-9:04)	12	
Major Islands, Roisin (9:04-9:20)	16	
Hybridization in termites Hellemans / Josens / Chouvenc (9:20-10:00)	40	
Break (10:00-10:15)	15	
Microbes host dynamism Franck Dedeine (10:15-10:40)	25	Mizumoto
Insight into symbiont transmission Velenovsky / Gordon (10:40-11:10)	30	
Taxonomic and phylogenetic resolutions Hellemans / Bouguignon (11:10-12:00)	50	
Lunch (12:00-13:00)	60	
Cool stuff about termites		Mod
Nest types and construction Nobuaki Mizumoto (13:00-13:20)	20	Sobotnik
Aging in termites Judith Korb (13:20-13:40)	20	
Food production system using termites Kenji Matsuura (13:40-14:00)	20	
Evolution of Termitophily Aleš Buček (14:00-14:20)	20	
TBD (14:20-14:40)	20	
Break (14:40-14:55)	15	
Parasitoids in termites Aleš Buček (14:55-15:15)	20	Chouvenc
The amazing biology of Pangolins Hou-Feng Li (15:15-15:45)	30	
Student Award Ceremony (15:45-16:15)	30	
Farewell party (off campus)		

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