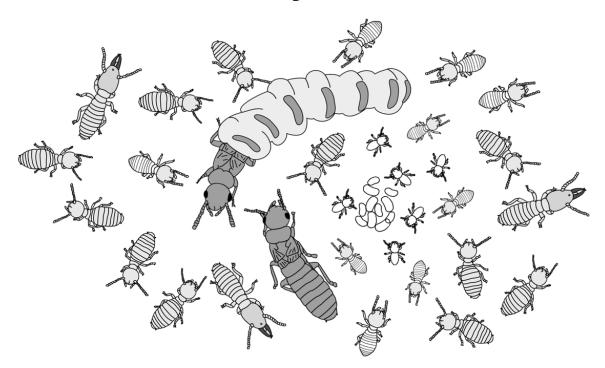
Termite Course for Professionals: Biology and Control

2022

University of Florida



March 23-25, 2022

Ft. Lauderdale Research and Education Center

3205 College Avenue | Davie FL, 33314



Ft. Lauderdale Research and Education Center University of Florida, 3205 College Ave., Ft. Lauderdale, FL 33314

Register at https://conference.ifas.ufl.edu/termitepro/

Contact Thomas Chouvenc for information about registrations: tomchouv@ufl.edu

Dates:

Early Registration Deadline is January 24, 2022 Regular Registration Deadline is February 21, 2022 Late Registration Deadline: after February 21, 2022

Activities March 23-25, 2022. 8am to 5pm each day, FLREC room T103-104

Instructors:

Dr. Thomas Chouvenc University of Florida tomchouv@ufl.edu University of Florida rhsc@ufl.edu Dr. Rudolf Scheffrahn Dr. Nan-Yao Su University of Florida nysu@ufl.edu whk@ufl.edu Dr. William Kern, Jr. University of Florida foi@ufl.edu University of Florida Dr. Faith Oi Aaron Mullins University of Florida amull81@ufl.edu Paul Mitola Florida DACS paul.mitola@fdacs.gov Steve Niedzwiedzki **Douglas Product** steve.niedzwiedzki@douglasproducts.com

Course Objectives:

- Participants will learn about the natural history, ecology, evolution, behavior, and distribution of all major termite families.
- Students will be able to recognize most major termite families and genera.
- Primary invasive termite pests must be recognized to the species level.
- This course will have strong focus on the biology of subterranean termites and drywood termites with pest status
- Provide an update on the most recent advances on how we understand control methods for termite pest species
- Cover rules and regulations around termite control

Wednesday

7:00-8:00	_	tration (Front Lobby) and snacks provided at the pavilion		
8:	00-8:30	Introduction and presentation –	Chouvenc (30min)	
8:	30-9:00	Terminology, life cycle, anatomy, te	ermite research history Chouvenc (30min)	
9:	00-10:15	Natural history of termites –	Scheffrahn (75 min)	
10:15-10:30 Break (<i>15min</i>)				
10):30-12:00	Termite diversity in the world and te	ermite phylogeny Chouvenc (90min)	
12:00-12:45 Lunch (provided) (<i>45min</i>)				
12	2:45-1:30	Social animals: what are they and v	why are they so successful? • Chouvenc (45min)	
1:	30-2:45	Termite evolution: origin of eusocia	lity Chouvenc (75min)	
2:45-3:00) Break	(15min)		
3:	00-3:45	Overview of termite pest species in _	the world Chouvenc (45min)	
3:	45-5:00	Termite identification for major pest –	species Scheffrahn (75min)	
5:00	Adjou	ırn		

Thursday

7:30-8:00 Coffe	ee and snacks at pavilion			
8:00-9:00	Biology of drywood termites (Kalotermitidae) – Scheffrahn (<i>60min</i>)			
9:00-10:00	Control strategies for drywood termite pests — Scheffrahn (60min)			
10:00-10:15 Break (<i>15min</i>)				
10:15-11:00	The art and regulations of structural fumigation — Niedzwiedzki (<i>45min</i>)			
11:00-12:00	Termite damage Q & A Breakout sessions (5 min buffer) - Drywood termite damage (20min) (Room T103-104) - Subterranean termite damage (20min) (Room 130) - Termite Laboratory tour (20min)			
12:00-12:45 Lunch (provided) (<i>45min</i>)				
12:45-1:45	Biology of subterranean termites (Rhinotermitidae) — Su (<i>60min</i>)			
1:45-2:45	Building maintenance practices to reduce the likelihood of subterranean termite infestations - Kern (<i>45min</i>)			
2:30-2:45 Break				
2:45-3:45	Use of liquid termiticides for control of subterranean termites, pre-construction and post-construction - Kern (60min)			
3:45- 5:00	Principles of IPM and the use of bait technologies for control of subterranean termites — Su (75min)			
5:00 Adjo	urn			

Friday

7:30-8:00 Coffee and snacks at pavilion

8:00-9:55 WDO Contracts and inspection reports

- **Mitola** (115min)

9:55-10:10 **Break** (*15min*)

10:10-12:00 Doing the job right and avoiding litigations

- **Oi** (115min)

12:00-12:45 **Lunch** (Provided) (*45min*)

12:45-1:15 Living with termites, a New Orleans' perspective

- Mullins (30min)

1:15-2:45 Life cycle, developmental pathways in subterranean termites

- Chouvenc (90min)

2:45-3:00 **Break**

3:00-4:30 The importance of colony demographics in subterranean termite

control strategies – **Chouvenc** (90 min)

4:30-5:30 Concluding remarks, CEUs and Certificates

Saturday (optional)

8:00-11:00 Optional Field trip

Optional Field trip to see live infestations of Coptotermes and Nasutitermes:

This opportunity is not officially part of the course and is completely optional. If you are still in the area on Saturday, we can organize a field visit to live termite infestation. Ground transportation for the group to the field site is not provided, but arrangements can be made among participants during the week to facilitate the field visit. Please indicate during the registration process if you are planning on attending the optional field trip on Saturday.

Lunches are kindly sponsored by



