

# 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



# Termite Course for Professionals 2022

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](mailto: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	<a href="mailto:tomchouv@ufl.edu">tomchouv@ufl.edu</a>
Dr. Rudolf Scheffrahn	University of Florida	<a href="mailto:rhsc@ufl.edu">rhsc@ufl.edu</a>
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## 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

# Termite Course for Professionals 2022

## Wednesday

7:00-8:00 **Registration (Front Lobby)**

Coffee and snacks provided at the pavilion

8:00-8:30 Introduction and presentation  
– **Chouvenc** (30min)

8:30-9:00 Terminology, life cycle, anatomy, termite research history  
– **Chouvenc** (30min)

9:00-10:15 Natural history of termites  
– **Scheffrahn** (75 min)

10:15-10:30 **Break (15min)**

10:30-12:00 Termite diversity in the world and termite phylogeny  
– **Chouvenc** (90min)

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

12:45-1:30 Social animals: what are they and why are they so successful?  
– **Chouvenc** (45min)

1:30-2:45 Termite evolution: origin of eusociality  
– **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 **Adjourn**

# Termite Course for Professionals 2020

## Thursday

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

8:00-9:00 Biology of drywood termites (Kalotermitidae)  
– **Scheffrahn** (60min)

9:00-10:00 Control strategies for drywood termite pests  
– **Scheffrahn** (60min)

10:00-10:15 **Break** (15min)

10:15-11:00 The art and regulations of structural fumigation  
– **Niedzwiedzki** (45min)

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) (45min)

12:45-1:45 Biology of subterranean termites (Rhinotermitidae)  
– **Su** (60min)

1:45-2:45 Building maintenance practices to reduce the likelihood of  
subterranean termite infestations  
– **Kern** (45min)

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 **Adjourn**

# Termite Course for Professionals 2022

## 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.

## Termite Course for Professionals 2022

Lunches are kindly sponsored by



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