

Termite Course for Professionals: Biology and Control

2021

University of Florida



Dec 8-10, 2021

Ft. Lauderdale Research and Education Center

3205 College Avenue | Davie FL, 33314

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Termite Course for Professionals 2021

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 Oct 8th, 2021
Regular Registration Deadline is Nov 5th, 2021
Late Registration Deadline is Nov 26th, 2021

Activities Dec 8-10, 2021. 8am to 5pm each day, FLREC room T103-104

Instructors:

Dr. Thomas Chouvenc	University of Florida	tomchouv@ufl.edu
Dr. Rudolf Scheffrahn	University of Florida	rhsc@ufl.edu
Dr. Nan-Yao Su	University of Florida	nysu@ufl.edu
Dr. William Kern, Jr.	University of Florida	whk@ufl.edu
Dr. Faith Oi	University of Florida	foi@ufl.edu
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

Termite Course for Professionals 2021

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 2020

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**

6:00 **Social at “Ye Old Falcon” Pub**, 10min away from the center

Thanks for attending this 2021 session!

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Lunches are kindly sponsored by



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