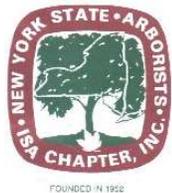


2016 Advanced Arboriculture Workshop

This will be an all-day workshop perfect for arborists interested in expanding their understanding of tree bio-mechanics, how fungi impact tree stability, and how to identify decay fungi using a new website key and SNA testing techniques. Frank Rinn and Christopher Luley, PhD—two noted experts in the arborist industry—will conduct the workshop, which will include fungal identification methods and decay detection equipment such as resistance drilling and sonic tomography.

New York State's Urban Forestry Council is a partnership of public, private and volunteer organizations and individuals that fosters comprehensive planning, management and education throughout the state to create a healthy urban and community forest, and to enhance quality of life.

The International Society of Arborists (ISA) has served the tree care industry for 90 years as a scientific and educational organization. Through research, technology, and education, the ISA promotes the professional practice of arboriculture and fosters a greater worldwide awareness of the benefits of trees.



Division of Lands & Forests
Urban Forestry
625 Broadway, 5th Floor
Albany, NY 12233-4253

Advanced Arboriculture: Using Tree Bio-Mechanics to Evaluate, Test, and Manage Trees for Stability

2016 Advanced Arboriculture Workshop

Featuring: Frank Rinn
RinnTech, Germany

Long Island - Tuesday, April 19

Bethpage Park Restoration
Village Auditorium
1303 Round Swamp Road
Old Bethpage, NY 11804

Westchester - Wednesday, April 20

Lyndhurst Mansion
635 S. Broadway
Tarrytown, NY 10591

Rochester - Friday, April 22

Sonnenberg Gardens
151 Charlotte St
Canandaigua, NY 14424

DEC, CNLP and ISA Credits Available
Applications in Process

Protecting, Growing, and Analyzing New York State's Urban Forests

This program is a collaborative effort by New York State Arborists, the NYS Department of Environmental Conservation and the NYS Urban Forestry Council.

Frank Rinn was born in Germany and studied Physics at Glassen and Heidelberg University. After completing his master's thesis, Frank developed the method of needle resistance drilling and eventually started his own company, RinnTech. Frank owns national and international patents and trademarks such as Resistograph and ARBOTOM and is an expert in inspecting trees and timber structures. He gives lectures and training and spends much of his time volunteering in the arboriculture industry worldwide and as Executive Director of ISA Germany.

Christopher J. Luley, PhD, is a native New Yorker who studied botany and forest pathology at SUNY ESF in Syracuse, New York and at Iowa State University in Ames, Iowa. Chris has over 25 years of hands-on field diagnostic experience, having served as Forest Health Pathologist in Missouri and as a technical advisor for a major international tree care company. He has authored numerous research articles and co-authored books on wood fungi, pest management and pruning.

For more information:

- Mike Cocca – 518-465-7085
e-mail: mike@adgcommunications.com
- Mary Martin – 518-408-5511
e-mail: mary.martin@dec.ny.gov

Topics and Speakers

Registration begins at 8:00 AM

Program begins at 8:30 AM

Featured Speakers

Frank Rinn – Inventor of the Resistograph, RinnTech, Germany

Christopher Luley – PhD, Urban Forestry LLC

Topics

- **Tree Biology and Basic Bio-mechanics**
Why trees stand up or fall down
- **Identification of Tree Pathogens and Common Decay Fungi**
Learn how to ID tree pathogens and common decay fungi using Decay App ELISA for decay in wood, and molecular (DNA) testing for decay fungi.
- **Breaking Thresholds and Advanced Bio-mechanics**
Learn to evaluate how much decay is too much decay, and which bio-mechanical principles and measurements are critical to making stability judgments about trees with decay.
- **NYSDEC, NYSAA Updates**
- **Outdoor Testing for Decay**
Students will rotate through two stations where Mr. Rinn and Dr. Luley will use sample trees to demonstrate the principals and concepts discussed previously.
- **Bio-mechanical Principles**
Learn how to apply bio-mechanical principles in dealing with root decay, codominant stems, and managing trees.

Registration

To register, complete and mail this form by March 25th. **Please make checks payable to NYSA.**

Session Fee

\$90 for ISA or NYS Urban Forestry Council member

\$100 per person by 3/25

\$130 per person after 3/25

“Please register me; enclosed is my completed form and check made payable to NYSA or my credit card information.”

ISA or UFC Member \$90

Non-member \$100

Late registration \$130

of registrants for:

___ Long Island ___ Westchester ___ Rochester

Name: _____

Affiliation: _____

Address: _____

City: _____

State/Zip: _____

Phone: _____

e-mail: _____

Credit Card: _____

Exp & Code _____

Signature _____

Please detach and mail this form to:

NYSA
136 Everett Road
Albany, NY 12205
Phone: 518-694-5507
Or fax to: 518-935-9436