

Featuring:

Neville Fay MA (Hons), MICFor, MArborA, FLS, FRGS, FRSA

Neville Fay is a chartered arboriculturist with the Institute of Chartered Foresters and is principal consultant at Treework Environmental Practice, a leading UK multi-disciplinary consultancy. He is an expert witness for tree-related environmental and personal injury cases. He lectures internationally and writes on Conservation Arboriculture, ancient trees, tree management, public safety and policy. He co-authored Trees – a Lifespan Approach, The Specialist Survey Method, and Tree Surveys – A guide to good practice. Neville is a professional member of the Arboricultural Association and in 2009 was granted its Award for Services to Arboriculture. He is a Fellow of the Linnean Society and of the Royal Geographical Society. Neville founded the charity Tree Aid and is past chairman of the Ancient Tree Forum (ATF). He chaired the drafting committee of the National Tree Safety Group (NTSG). Neville runs Innovations in Arboriculture, a seminar series which introduces new tree and ecological knowledge and is co-director of the Sustainable Soils Alliance.

Mark Chisolm

Mark is an ISA certified and third generation arborist who works alongside his father, mother and brother, in their family tree business. He has represented New Jersey at the International Tree Climbing Championships numerous times and earned the title of World Champion in 1997, 2001 and 2010. Mark started climbing trees around the age of twelve and now speaks worldwide on such topics as advanced climbing and rigging techniques, crane removals, E.H.A.P, aerial rescue, cabling and bracing, competitive climbing, proper pruning and worker motivation.



6 CEUs Credits and MN Tree Inspector Recertification Available



Conservation Arboriculture - Expanded

February 22, 2018

Rochester International Event Center

7333 Airport View Rd. SW • Rochester, MN 55902

Airport exit on Highway 63 South

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Neville Fay

Mark Chisolm



Register Today!

Registration is \$105 per person for MSA individual members and \$125 per person for non-MSA members. Register by mailing in this form or going online to: msa-live.org/events/Rochester-Arborist-Workshop (which is open for online registration with credit card or check payment. To ensure the quality of the workshop, space is limited).

Mail registration(s) with check to:

Minnesota Society of Arboriculture • PO Box 16321 • St. Paul, MN 55116

Name(s) _____
(please include all participants)

Company Organization _____

City, State, ZIP _____

Phone _____ Email _____

Everyone is encouraged to stay for the 4-6 pm social after the workshop to visit with the speakers and network. There will be a climber's corner with Nick Grebe and friends and a Q&A time with Neville Fay.

Standard registration is due by Friday, February 16.

MSA individual members	\$105
Workshop fee and MSA individual membership	\$145
Non-MSA members	\$125
Groups of 7 or more	\$95

Registration includes: • Full program • Continental breakfast
• Buffet lunch • Afternoon refreshments

Register by Monday, January 1 to be eligible to win a climbing Chainsaw. Other great door prizes will be available to all.

Registration questions should be sent to dtessmer@msa-live.org.
Vendor questions should be sent to jay.maier@greencollarconsultant.com.

A Green Future

When attending RAW workshops, you're not only getting innovative information but you're creating opportunities for future caretakers of urban trees and supporting urban forestry. Funds raised go towards scholarships for arboriculture students.

7:45 Welcome and Intro

8:00 The Lifespan Philosophy of Trees and Principles of Their Care (Fay)

Observing change in trees is hard because they adapt over decades and centuries. Because human lifespans compared to those of trees are so different, our prediction of their response to management is often inaccurate. In fact, our intervention cannot be tested because we are not around long enough to witness the dynamics of growth in the fullness of time. In this session we will explore the concept of 'conservation arboriculture' which is our attempt to describe and re-attune our perceptions so that we can more effectively manage these trees.

9:30 Low Impact Rigging (Chisolm)

Rigging trees down during removal operations may be the hardest job we tackle. Forces can multiply quickly, thus increasing our exposure to failures. Reducing forces may reduce risk. Learn how to identify where force is and how to manipulate it appropriately. The name of the game is work fast and safe!

10:45 Analyzing SRT Anchorpoint Stress (Chisolm)

Rope angles help us to visualize the possible loads on anchors when climbing. Using a load cell allows us to dig deep into the numbers to understand how we should make choices in the field.

11:45 Lunch and Door Prizes

12:45 The Emergence of Conservation Arboriculture (Fay)

Ancient trees are, by definition, natural survivors. The 'ancient tree paradigm' is a guiding concept. Observing the ancient trees illuminates how trees respond to damage and injury, interact with the environment, and operate as an ecosystem within and beyond the tree and its ancient soil. In this session we will consider possible management interventions that mimic natural crown retrenchment.

2:15 The Principles and Innovation in Conservation Arboriculture (Fay)

Britain has one of the largest ancient tree populations in Europe, most of which are survivors of traditional pruning systems. The UK is unsustainably losing these ancient pollards, giving impetus to record, and devise restoration management treatment. In this talk we will look at what knowledge we can transfer to pre-ancient trees from this natural shedding and retrenchment.

3:15 Tree-Soil-Root Systems: The Heart of Conservation Arboriculture (Fay)

Finally, we will look at the tree-soil-root systems of ancient trees, and how we can manage them. This involves knowledge of soil biology, chemistry, biodiversity and function. This poorly appreciated, invisible soil food web is at the heart of conservation arboriculture.

4:00-6:00 MSA Social, Q & A with Neville, Climber's Corner (Grebe & Friends)