



ONE WORLD
UNDER ONE CANOPY

ISA ANNUAL INTERNATIONAL CONFERENCE AND TRADE SHOW

Washington, DC (US)
28 July–2 August 2017

with ITCC

REGISTRATION GUIDE

www.isa-arbor.com/conference

View educational
session details
on the
Conference app!



ONE WORLD
UNDER ONE CANOPY

<http://eventmobi.com/isa2017>

Event Venues



International Tree Climbing Championship with Arbor Fair and Expo

US National Arboretum
3501 New York Avenue NE
Washington, DC 20002-1958 (US)

28–30 July 2017



ONE WORLD
UNDER ONE CANOPY

International Conference and Trade Show

Gaylord National Resort
& Convention Center
201 Waterfront Street
National Harbor, Maryland 20745 (US)

30 July–2 August 2017



Hotel Reservation Information:

Reservation deadline for the ISA block at the Gaylord National Resort & Convention Center is 1 July 2017 or until the block is full.

Gaylord National Resort & Convention Center

201 Waterfront Street
National Harbor, Maryland 20745 (US)

Phone: +1 877.491.0468 – Reference International Society of Arboriculture

Room Rate: Single/Double – \$199* USD (inclusive of resort fees)

Parking: \$23 per day (self-park) or \$39 per day (valet) for hotel guests;

Self-park is \$28 per day for non-guests

Internet: Complimentary wireless internet in guest rooms

Online reservations: https://resweb.passkey.com/Resweb.do?mode=welcoming_new&groupID=62782849

*Taxes not included in rate.

Keynote Presentations



Sunday Arboriculture Celebration Keynote

30 July, 6:00 pm

Dr. John Gathright, Director, Japan Arborist Training Institute



Bridging Arboriculture and Medical Professionals—Treehab: The Healing Power of Scientifically-Designed, Rehabilitative Tree Climbing Programs

Dr. John Gathright has discovered the amazing rehabilitative power of purpose-specific tree climbing for people with disabilities. Gathright focuses on physiological, psychological, and societal benefits of purpose-specific tree climbing programs in urban forests and green spaces—TreeHab. Through his organization, Tree Climbing Japan, he has changed the lives of thousands of people in Japan by providing rehabilitative and therapy-designed tree climbing programs that help lower pain sensitivity, stress, and anger while increasing vitality, self-worth, and physical strength. [0.75 A, M, Bm](#)

Monday Opening Keynote

31 July, 8:30 am–9:15 am

Mark Buscaino, Executive Director, Casey Trees

DC's Tree Canopy: Past, Present, and Hopes for the Future

Casey Trees has worked diligently to nurture, enhance, and protect the tree canopy in the United States Capital city. After experiencing decades of disinvestment, the local government refunding of Washington DC's tree management organization, along with new tree replacement law, the non-profit Casey Trees was able to advance their efforts. Mark Buscaino will talk about the 15-year progress Casey Trees has gained by working with concerned residents, DC Government, and other non-profits to restore the city's street trees. [0.75 A, M, Bm](#)



Tuesday Closing Keynote

1 August, 4:15 pm–5:00 pm

Ari Novy, Executive Director, US Botanic Gardens



Basking in the Shade: The Importance of Trees in the City

Ari Novy will discuss the importance of arboriculture within an urban horticulture framework, specifically about how well-executed arboriculture practices are often multi-jurisdictional and are a primary determinant of connection to historical landscapes. Novy will also talk about the importance of designing horticultural spaces that serve as educational nodes for arboriculture. [0.75 A, M, Bm](#)

STAY CONNECTED:

Follow us on Facebook and Twitter



International Society of Arboriculture



@ISArboriculture, #ISAdc, #ITCCdc



International Tree Climbing Championship with Arbor Fair & Expo

Join us at the US National Arboretum for ITCC with Arbor Fair & Expo. Cheer on your favorite competitors, visit the exhibits, and enjoy some entertainment.

Attendees will be provided transportation between the Gaylord National Resort & Convention Center and the arboretum.

Friday, 28 July

12:00 pm–4:00 pm Arbor Fair and Expo
1:00 pm–5:15 pm ITCC Masters' Qualifying Events

Saturday, 29 July

8:00 am–3:00 pm ITCC Masters' Qualifying Events
9:00 am–4:00 pm Arbor Fair and Expo
1:30 pm STIHL® Tour des Trees Arrival
4:15 pm ITCC Awards Reception and Ceremony

Sunday, 30 July

9:00 am–2:00 pm Arbor Fair and Expo
9:00 am–2:30 pm ITCC Masters' Challenge



Free Educational Opportunities

Tree/Plant ID Walks (led by arboretum staff)

Friday, 28 July
9:00 am
11:00 am
4:00 pm

Sunday, 30 July
9:00 am

Bonsai Workshop 101 (at the Bonsai Museum)

Friday, 28 July
2:00 pm–2:45 pm
Saturday, 29 July
2:00 pm–2:45 pm

STAY CONNECTED:

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PRE-CONFERENCE WORKSHOPS AND TOURS

(As of 11 May 2017)

GNCC =
Gaylord National
Convention Center

Sessions, times, and locations are subject to change. Workshops and tours are separately ticketed unless otherwise noted.

FRIDAY, 28 JULY

US National Arboretum		
8:00 am–5:00 pm Tree Anatomy Workshop (Day 1) Mark Hartley <i>24.0 A, T, L, M, Bs</i> (Lunch Included)	10:00 am–12:00 pm Up By Roots: Soils in the Urban Landscape Peter MacDonagh <i>2.0 A, M, Bp</i>	8:00 am–11:00 am ASTI Aerial Rescue & Climbing Safety in the Workplace <i>6.0 A, T, L, Bm</i>
		Break for Lunch (Lunch Available for Purchase On Site)
	1:00 pm–3:00 pm Care and Pruning of Woody Plants Peter Deahl <i>2.0 A, T, L, Bp</i>	1:00 pm–4:00 pm ASTI Workshop Continued Chris Bruner and Jared Abrojena

SATURDAY, 29 JULY

US National Arboretum		GNCC
8:00 am–5:00 pm Tree Anatomy Workshop (Day 2) Mark Hartley (Lunch Included)	9:00 am–11:00 am Establishing Strong Architecture in Young Trees Jen Kettell <i>2.0 A, T, L, M, Bp</i>	8:00 am–4:00 pm The Trees (and Soils) of Washington's Monuments Jim Urban <i>6.50 A, M, Bm</i> Introductory Lecture 8:00 am–8:45 am Tour Departs from GNCC at 8:45 am (Lunch Included)
	1:00 pm–3:00 pm Accidents Hurt More Than You Know AND Jobsite Set Up Steve Castrogiovanni <i>2.0 A, T, L, M, Bm</i>	

SUNDAY, 30 JULY

US National Arboretum	Gaylord National Convention Center		
8:00 am–3:00 pm Tree Anatomy Workshop (Day 3) Mark Hartley (Lunch Included)	8:00 am–12:00 pm Arlington National Cemetery Tree Tour Greg Huse, Kelly Wilson, and Stephen Van Hoven <i>4.0 A, M; 2.0 Bm; 1.0 Bs, Bp</i> Tour Departs from GNCC	9:00 am–12:00 pm The Arborist's and Urban Forester's Role in Land Development: A Focus on the Mid-Atlantic Keith Cline, Susan Day, and Michael Galvin <i>4.0 A, M, Bm</i>	9:00 am–12:00 pm A Plant Diagnostic Workshop: Sharpening Your Diagnostic Skills as a Plant Scene Investigator (PSI) Joe Boggs, Erik Draper, Amy Stone, Pamela Bennett, Michael Raupp, and Cindy Meyer <i>3.0 A, M, Bp</i>
		1:00 pm–2:00 pm Branch Out Session: Tree Storm Preparation and Response <i>1.0 A, M, Bp</i> (No ticket required)	1:00 pm–4:00 pm Ice Storms and Tree Damage: Tree Susceptibility to Ice and the Damage It Causes Dr. Kim D. Coder <i>3.0 A, T, L, M, U, Bs</i>
		3:00 pm–4:00 pm Branch Out Session: ANSI Z133 <i>1.0 A, T, L, M, U, Bm</i> (No ticket required)	

MONDAY–WEDNESDAY EDUCATIONAL SESSIONS

MONDAY, 31 JULY

Gaylord National Convention Center			
President's Welcome 8:00 am–8:30 am			
8:30 am–9:15 am Keynote: DC's Tree Canopy: Past, Present, and Hopes for the Future Mark Buscaino, Executive Director, Casey Trees 0.75 A, M, Bm			
9:30 am–10:10 am L.C. Chadwick Award Winner <i>0.75 A, M, Bp</i>	9:30 am–11:00 am Career Paths in Urban Forestry and Arboriculture: Linking Higher Education and Professional Advancement Keith O'Herrin, Rich Hauer, Brigitte Orrick, Paul Ries, David Sivyer, and Eric Wiseman <i>1.50 A, M, Bm</i>	9:30 am–11:00 am Tiny Talks—Big Ideas <i>0.75 A, M; 0.25 T, L, Bs; 0.5 Bm</i> <i>(See Below Right for Details)</i>	9:30 am–10:10 am More Arboriculture Myths: The Science Behind What Works, What Doesn't, and Why Linda Chalker-Scott <i>0.75 A, M, Bs</i>
10:20 am–11:00 am Trees and Climate: Health, Risks, and Variability Dr. Kim D. Coder <i>0.75 A, M, Bs</i>			10:20 am–11:00 am Planning Your Pest Management Strategies: Which Pests Matter? Joe Boggs <i>0.75 A, M, Bp</i>
Break on the Trade Show Floor 11:00 am–1:00 pm			
1:00 pm–1:40 pm The Social and Cultural History of Street Trees Mark Johnston <i>0.75 A, M, Bm</i>	1:00 pm–1:40 pm Tree Risk Assessment Update Tom Smiley and Sharon Lilly <i>0.75 A, M, Bm</i>	1:00 pm–1:40 pm Incident Prevention: Importance of Adhering to Z133 Standards Don Blair <i>0.75 A, T, L, M, U, Bm</i>	1:00 pm–1:40 pm The United Nation's Urban Forestry Guidelines: A First Step Towards Greener, Healthier, and Happier Cities Simone Borelli <i>0.75 A, M, Bm</i>
1:50 pm–2:30 pm Natural Aging of Trees Ted Green <i>0.75 A, M, Bs</i>	1:50 pm–2:30 pm Estimating Likelihood of Failure—Is it VALID? David Evans <i>0.75 A, T, L, M, Bm</i>	1:50 pm–2:30 pm One World, Many Standards: A Review of International Safety Standards for Arborists John Ball <i>0.75 A, T, L, Bm</i>	1:50 pm–2:30 pm Growing Canopies for Garden Cities: Arboriculture Challenges in Asia's Urban Centers Don Picker <i>0.75 A, M, Bm</i>
Break on the Trade Show Floor 2:30 pm–3:30 pm Poster Presentations 2:30 pm–3:30 pm <i>(See list of presenters in the Conference App)</i>			
3:30 pm–4:10 pm Advancing the Public Health Agenda of Urban Forestry Cecil Konijnendijk van den Bosch and Matilda van den Bosch <i>0.75 A, M, Bm</i>	3:30 pm–4:10 pm Testing ISA's Tree Risk Assessment Methodology Tom Smiley and Andrew Koester <i>0.75 A, M, Bm</i>	3:30 pm–4:10 pm Building a Culture of Safety through Training and Team Building Ed Carpenter and Dwayne Neustater <i>0.75 A, T, L, M, Bm</i>	3:30 pm–4:10 pm Urban Tree Inventories: An International Perspective Johan Östberg <i>0.75 A, M, Bm</i>
4:20 pm–5:00 pm Tree Care for Wildlife Best Management Practices Ryan Gilpin <i>0.75 A, T, L, Bp</i>	4:20 pm–5:00 pm Level 3 Inspections: A Non-Invasive Approach to Tree Risk Management Robert Booty <i>0.75 A, M, Bm</i>	4:20 pm–5:00 pm Working Together: Crew and Leadership Training Travis Vickerson <i>0.75 A, T, L, Bm</i>	4:20 pm–5:00 pm Tree Species Selection for a Changing Climate David Callow <i>0.75 A, M, Bp</i>

Climbers' Corner

GNCC
On the Trade Show Floor
11:15 am–12:15 pm Work Safe—Best Practices Ken Palmer <i>1.0 A, T, L, Bm</i>
12:30 pm–1:15 pm Methods for Creating Inset Tree Cavity Nesting Sites Brian French <i>0.75 A, T, L, Bp</i>
1:30 pm–2:15 pm Fall Prevention Ed Carpenter <i>0.75 A, T, L, Bm</i>
3:30 pm–4:15 pm Aerial Rescue Eduardo Medina and Don Roppolo <i>0.75 A, T, L, Bm</i>

Tiny Talks—Big Ideas 9:30 am–11:00 am

- Philip J.E. van Wassenae—The Tree in Treehouse *A, M, Bm*
- Francesco Ferrini—The Emotional Impact of Falling Trees *A, M, Bm*
- Eric North—Trees as Witnesses: Two Case Studies of Forensic Tree-Ring Analysis in Legal Disputes *A, M, Bm*
- Travis Vickerson—Working and Communicating with Emergency First Responders *A, T, L, Bm*
- Arielle Conti—Spreading the Word: How to Educate and Mobilize Citizens Around Your Urban Forest *A, M, Bm*
- Jill Jonnes—A Natural History of Trees and People in the American Cityscape *A, M, Bm*
- Gary Watson—Comparing Static and Dynamic Assessment of Root System Stability *A, M, Bs*
- Jay Banks—Tools for Working with HOAs (Home Owner Associations) *A, M, Bm*
- Jim Urban—Will the Trees Grow? Research and Experience with Soils Below Pavements *A, M, Bs*



A

T

L

M

U



Number of CEUs determined by length of session

s=Science
m=Management
p=Practice

TUESDAY, 1 AUGUST

Climbers' Corner

Gaylord National Convention Center			
Continental Breakfast on the Trade Show Floor 8:00 am–9:00 am			
9:00 am–9:40 am Soil Profile Rebuilding: Achieving Sustainable Soil Management in Compacted Soils Susan Day <i>0.75 A, M, Bp</i>	9:00 am–9:40 am Developing and Implementing an Urban Forestry Plan in Fairfax County, Virginia Scott Diffenderfer <i>0.75 A, M, Bm</i>	9:00 am–9:40 am How to Manage Hazard Trees Along the Transmission ROW Bill Conn <i>0.75 A, M, U, Bp</i>	9:00 am–9:40 am History of Dynamic Bracing in Europe de Gourét P. Litchfield <i>0.75 A, T, L, M, Bp</i>
9:50 am–10:30 am Soil Compaction and Urban Trees Bryant Scharenbroch <i>0.75 A, M, Bp</i>	9:50 am–10:30 am The Law-borist: Enforcing the District of Columbia's Urban Forest Preservation Act John O'Neill <i>0.75 A, M, Bm</i>	9:50 am–10:30 am A Survey of Transmission Pipeline Vegetation Management in North America William Porter <i>0.75 A, T, L, M, U, Bp</i>	9:50 am–10:30 am Critical Thinking in Arboriculture: Applying What We Know to What We Do Mark Roberts <i>0.75 A, T, L, M, U, Bm</i>
Break 10:30 am–11:00 am			
11:00 am–11:40 am Root Severance and Trees: How Trees Respond to Increasing Levels of Root Removal Justin Morgenroth <i>0.75 A, M, Bs</i>	11:00 am–11:40 am Expanding Urban Canopy Cover as Best Management Practice for Clean Water Act Compliance Michael Galvin <i>0.75 A, M, Bm</i>	11:00 am–11:40 am Plant Appraisal: One Canopy Under One Valuation Joe Samnik <i>0.75 A, M, Bm</i>	11:00 am–12:30 pm Using the Newly- Revised ANSI A300 Pruning Standard Geoffrey Kempter and Wayne Dubin <i>1.50 A, T, L, M, U, Bp</i>
11:50 am–12:30 pm Environmentally Friendly Soil Treatments to Improve Tree Health: Using Air and Water Knife Tools Samuel Ma <i>0.75 A, M, Bp</i>	11:50 am–12:30 pm Living and Dying: The Long-Term Survival of Urban Trees in Washington, DC Jess Sanders <i>0.75 A, M, Bm</i>	11:50 am–12:30 pm Tree Covenants as an Asset Class James Komen <i>0.75 A, M, Bm</i>	
Break on the Trade Show Floor 12:30 pm–2:30 pm			
2:30 pm–3:10 pm The Art and Science of Tree Injection: ISA's Best Management Practices for Tree Injection Shawn Bernick and Tom Smiley <i>0.75 A, M, Bp</i>	2:30 pm–3:10 pm Urban Tree Canopy: Lessons Learned From 10 Years of Monitoring and Management Earl Eutsler <i>0.75 A, M, Bm</i>	2:30 pm–3:10 pm Optimizing the Biome- chanics of the Production Arborist Amanda Carpenter <i>0.75 A, T, L, Bm</i>	2:30 pm–3:10 pm Ancient Treescapes in the UK: Heritage, Landscape, and Biodiversity Lessons from Surviving Ancient Trees Jill Butler <i>0.75 A, M, Bm</i>
3:20 pm–4:00 pm The Effects of Phenoxly Herbicides on Landscape Trees Paul Pugliese <i>0.75 A, M, Bs</i>	3:20 pm–4:00 pm What are Cities Looking for in an Entry Level Urban Forester? Gregory Dahle <i>0.75 A, M, Bm</i>	3:20 pm–4:00 pm What Every Climber Should Know to Work with Cranes Mark Chisholm <i>0.75 A, T, L, Bp</i>	3:20 pm–4:00 pm Fungal Invasion of Wood in Standing Trees Lynne Boddy <i>0.75 A, T, L, M, Bs</i>
4:15 pm–5:00 pm Keynote: Basking in the Shade: The Importance of Trees in the City Ari Novy, Executive Director, US Botanic Gardens <i>0.75 A, M, Bm</i>			

GNCC
On the Trade Show Floor
8:15 am–8:55 am Chainsaw CO₂ Reduction and Sustainability Christian Johnsson <i>CEUs to be determined</i>
9:15 am–10:45 am Utility Pruning Brian Sprinkle, Dave Schenck, and Kevin Mibbs <i>1.50 A, T, L, M, U, Bp</i>
11:15 am–12:15 pm Precision Felling Techniques and Working the Plan Rip Tompkins <i>1.0 A, T, L, Bp</i>
1:00 pm–2:00 pm Lift Demo Travis Vickerson <i>1.0 A, T, L, Bp</i>



<http://eventmobi.com/isa2017>



Research project
funded by
the TREE Fund

WEDNESDAY, 2 AUGUST

Gaylord National Convention Center

AREA Welcome 8:00 am–8:10 am	
8:10 am–8:40 am Using 3D Imaging to Measure Root Volume and Stability Jake Miesbauer <i>0.5 A, M, Bp</i>	8:00 am–8:40 am In Praise of Near Misses: Summary of ISA/UAA Safety Summit Richard Bewley <i>0.75 A, T, L, M, U, Bm</i>
8:50 am–9:30 am The Use of Biologicals: Their Potential for Soil Borne Disease Management Glynn Percival <i>0.75 A, M, Bp</i>	8:50 am–9:30 am A New Best Management Practice for Utility Tree Risk Assessment John Goodfellow <i>0.75 A, M, Bm</i>
9:40 am–10:20 am Numerical Analysis of Branch Mechanical Response to Loading Barbora Vojackova <i>0.75 A, M, Bs</i>	9:40 am–10:20 am Technology is Helping Utility Arboriculture Become Safer, More Efficient, and Compliant Bill Conn <i>0.75 A, T, L, U, Bm</i>
10:30 am–11:10 am The Green, the Red, and the Sunlight Alessio Fini <i>0.75 A, M, Bs</i>	10:30 am–11:10 am Pest Detection Using Unmanned Aerial Vehicles Dan Staley <i>0.75 A, M, Bp</i>
11:20 am–12:00 pm Possible Solutions for Abiotic Soil Problems Christine Balk <i>0.75 A, M, Bp</i>	11:20 am–12:00 pm Applying the Principles of Tree Risk Assessment to Emerald Ash Borer Infestations John Goodfellow <i>0.75 A, M, Bm</i>
Break 12:00 pm–1:30 pm	
1:30 pm–3:00 pm AREA Student Presentations <i>(See details in the Conference App)</i> <i>1.50 A, M; .75 Bp, Bm</i>	1:30 pm–2:10 pm UVM: What Are We Doing, Where are We Going? William Porter <i>0.75 A, T, L, M, U, Bp</i>
	2:20 pm–3:00 pm iTree and Data Democratization: Make the Most of the Latest Science Jason Henning <i>0.75 A, M, Bm</i>
Break 3:00 pm–3:15 pm	
3:15 pm–3:45 pm Pruning Strategies to Reduce the Likelihood of Failure Daniel Burcham <i>0.5 A, T, L, Bp</i>	3:15 pm–3:45 pm Using Reparation Funds to Transform One Neighborhood's Urban Forest Sophie Plitt <i>0.5 A, M, Bm</i>
3:50 pm–4:25 pm The Influence of Sidewalk Replacement on Urban Street Tree Growth Eric North <i>0.5 A, M, Bp</i>	3:50 pm–4:25 pm Will the Trees Grow? Research and Experience with Soils Below Pavements James Urban <i>0.5 A, M, Bs</i>
4:30 pm–5:00 pm Digital Correlation Stress Relationships, Acoustic Transition Times and Root Necrosis Observed in Emerald Ash Borer Infested Ash Trees in North East Ohio Anand Persad <i>0.5 A, M, Bs</i>	4:30 pm–5:00 pm The Practical Limits of Diversity Gary Watson <i>0.5 A, M, Bs</i>

CHOOSE YOUR OWN ADVENTURE

Separately Ticketed Events

Casey Trees Tour

8:00 am–8:40 am • Casey Trees Welcome
9:00 am–5:00 pm • Casey Trees Tour

Opening session/welcome at the Gaylord National Convention Center from Casey Trees, followed by tours around the DC area. Join Casey Trees for an exciting and educational field experience around the city through the eyes of local organizations. We will visit spots not normally covered by tours of DC but rather residents' cherished natural spaces. We will be traveling across the city to see work done with many partners including: The Nature Conservancy, The District Department of the Environment, The Urban Forestry Administration, Living Classrooms, and many more. Come see why residents not only love the livability of the District but also the trees! Lunch will be provided.

***Tour departs from the Gaylord National Convention Center at 8:40 am**
CEUs to be determined

SMA Municipal Specialist Certification Prep Course

8:00 am–5:00 pm (Gaylord National Resort and Convention Center)

This full-day workshop will help prepare individuals for the ISA Municipal Specialist Certification exam, to be taken at a future date. The SMA Municipal Specialist Certification Preparation Course was developed by the Society of Municipal Arborists and will provide an overview of all six of the exam's domains, including: Policy/Planning, Administration, Risk Management, Arboricultural Practices, Communication Skills, and Public Relations/Education. The presentations for each domain will include terms, key concepts, and suggested items for self-study. Lunch will be provided.

8.0 A, M, Bm

SCA Field Day: History Meets Innovation!

8:00 am–3:00 pm

Join the Society of Commercial Arboriculture for another exciting and educational Field Day! We will be traveling to Bartlett Tree Experts for a morning of information and a tour of their state-of-the-art facility in Gaithersburg, Maryland. We will also be visiting George Washington's Mount Vernon, a Bartlett-maintained property, for lunch (included), our Annual Business Meeting, and a tour by the current Director of Horticulture Dean Norton. CEU opportunities will be available along the route.

Mount Vernon is an iconic American landmark—an enduring reminder of the life and legacy of the Father of Our Country. Once a vibrant plantation in the 18th century, the estate is now one of the nation's most visited historic sites. Combining an authentically-interpreted 18th-century home, lush gardens and grounds, intriguing museum galleries, immersive programs, and first-rate dining and shopping, Mount Vernon is an incomparable national treasure.

Attendees who have a Conference Package registration may attend afternoon educational sessions at the Gaylord National Convention Center upon returning from tour.

***Tour departs from the Gaylord National Convention Center at 7:50 am**
CEUs to be determined

ISA Botanic Garden and US Capitol Tour

8:00 am–12:00 pm

Guests will have a unique opportunity to tour the conservatory of the US Botanic Garden (USBG) and the US Capitol Grounds and Arboretum. The group will meet on the front terrace of the USBG and will be introduced to the professionals that manage this Nations' trees. The group will be divided in half and each group will alternate tours of both locations. This is an extensive walking tour of exterior gardens, grounds and conservatory. Appropriate dress and footwear is suggested.

Attendees who have a Conference Package registration may attend afternoon educational sessions at the Gaylord National Convention Center upon returning from tour.

***Tour departs from the Gaylord National Convention Center at 7:50 am**
4.0 A, M; 2.0 Bm, Bp

** Number of CEUs determined by length of session*

TREE Fund Activities

Take Part in the Silver Anniversary Tour



For the first time in its 25-year history, the Tour des Trees is integrated with and staging from the ISA Annual International Conference. Don't miss this special chance to support the riders and be part of the fun!

Saturday, 29 July	1:30 pm	Cheer the Tour's arrival at the ITCC (US National Arboretum)
Sunday, 30 July	7:30 am	Help launch the Tour on its first full-day ride (GNCC)
Monday, 31 July	7:00 pm–7:30 pm	Enjoy "Soil Compaction over Coffee and Dessert" with Tour riders, presented by Dr. Susan Day (GNCC)*
Tuesday, 1 August	7:00 pm–8:00 pm	Come to TREE Fund After Hours Silver Anniversary Tour Celebration (GNCC)

Get more details at stihltourdestrees.org

* NOTE: Space is limited; get a ticket at booth 1021 to guarantee a spot.

Day at Night

Special Educational Offering

Soil Compaction over Coffee and Dessert

Featuring Dr. Susan Day, Virginia Tech

Monday, 31 July • 7:00 pm–7:30 pm

Gaylord National Convention Center

As a special guest of this year's STIHL® Tour des Trees, Dr. Susan Day will present her groundbreaking work on soil profile rebuilding to the riders. Free to conference registrants and Tour riders. 0.50 A, M; 0.25 Bs, Bp

NOTE: Space is limited; get a ticket at booth 1021 to guarantee a spot.

TREE Fund After Hours Silver Anniversary Tour Celebration and MAC-ISA Party

Hosted by:



You're invited! Come celebrate the 25th anniversary of the Tour des Trees, followed by music and dancing. Relax and enjoy an evening with your colleagues and MAC-ISA.

When: Tuesday, 1 August 2017

7:00 pm–8:00 pm • TREE Fund After Hours

8:00 pm–11:00 pm • MAC-ISA Party

Where: Gaylord National Convention Center

- Appetizers included
- Cash bar available

Free to all ISA Conference Registrants and Tour Participants*

Bring your friends and join the fun:

- **Original Rider Reunion and Celebration** of the 25th Anniversary of Tour des Trees
- **Silver Ticket Raffle**—\$100 buys a chance to win the auction package of your choice (only 75 tickets available!)
- **Mini-Auction**—Trips and treasures for every budget, including special Tour memorabilia
- **Raise Your Hand for Research**—Help fund an additional research grant in 2017–18!

* If you plan to attend, please choose free ticket option when registering.



TREE Fund After Hours proceeds benefit TREE Fund, supporting tree research and education

Calling All Baseball Fans—



Nationals Game in Washington, DC

National Stadium is the first major stadium in the United States accredited as a Leadership in Energy and Environmental Design (LEED) Structure

Washington Nationals vs. Colorado Rockies

When: Saturday, 29 July

Cost: \$55 (includes transportation from Gaylord National Resort & Convention Center and Gallery seats)

Game time: 7:05 pm (Bus Departs Gaylord National Resort & Convention Center around 6:00 pm)

Food available for purchase at the park.

Limited number of tickets available.

Visit www.mac-isa.org/events/nationals to purchase tickets.

Visiting Washington, DC and National Harbor

The Gaylord National Resort & Convention Center is only 8 miles south of the US Capitol, monuments, memorials, and museums on DC's National Mall.

Visit DC Attractions for FREE!

Entry to DC monuments, Smithsonian Museum, and memorials is free. Some do require timed tickets that can be obtained online or in person.



Learn more about visiting the US Capital City at <https://washington.org/>



Experience DC National Harbor Waterfront

The resort sits within the premier entertainment district in National Harbor, Maryland.



- MGM Casino
- Capital Wheel Ferris Wheel
- Tanger Outlets
- More than 30 dining spots
- Potomac River Harbor

Explore things to do at National Harbor at <https://www.nationalharbor.com>.

Agenda At A Glance (As of 11 May 2017)

GNCC =
Gaylord National
Convention Center

Events, sessions, times, and locations are subject to change.

Friday, 28 July

8:00 am–5:00 pm
8:00 am–4:00 pm
12:00 pm–4:00 pm
1:00 pm–5:15 pm

Tree Anatomy Workshop *(US National Arboretum)*
Pre-Conference Workshops *(US National Arboretum)*
Arbor Fair & Expo *(US National Arboretum)*
ITCC Masters' Qualifying Events *(US National Arboretum)*

Saturday, 29 July

8:00 am–5:00 pm
8:00 am–4:00 pm
8:00 am–3:00 pm
9:00 am–3:00 pm
9:00 am–4:00 pm
7:05 pm–

Tree Anatomy Workshop *(US National Arboretum)*
Pre-Conference Educational Tour *(GNCC/departs from GNCC)*
ITCC Masters' Qualifying Events and Awards Reception and Ceremony *(US National Arboretum)*
Pre-Conference Workshops *(US National Arboretum)*
Arbor Fair & Expo *(US National Arboretum)*
Washington Nationals Baseball Game *(departs from the GNCC)*

Sunday, 30 July

7:30 am
8:00 am–3:00 pm
8:00 am–4:00 pm
9:00 am–2:30 pm
9:00 am–2:00 pm
4:00 pm–4:30 pm
6:00 pm–7:30 pm
7:30 pm–9:30 pm

Launch of Stihl® Tour des Trees *(GNCC)*
Tree Anatomy Workshop *(US National Arboretum)*
Pre-Conference Workshops and Branch-Out Sessions *(GNCC)*
ITCC Masters' Challenge *(US National Arboretum)*
Arbor Fair & Expo *(US National Arboretum)*
ISA Annual Business Meeting *(GNCC)*
Arboriculture Celebration *(GNCC)*
Welcome Reception on the Trade Show Floor—Trade Show Open and Education/Research Posters on Display *(GNCC)*



Monday, 31 July

7:00 am–8:30 am
7:30 am–8:00 am
8:00 am–8:30 am
8:30 am–9:15 am
9:30 am–11:00 am
11:00 am–1:00 pm
11:00 am–5:00 pm
11:15 am–4:15 pm
1:00 pm–2:30 pm
2:30 pm–3:30 pm
3:30 pm–5:00 pm
5:15 pm–8:00 pm
7:00 pm–7:30 pm

Women in Arboriculture Networking Session *(GNCC)*
Coffee and Networking *(GNCC)*
ISA President's Welcome/Opening General Session *(GNCC)*
Keynote/Opening General Session *(GNCC)*
General Educational Sessions *(GNCC)*
Break on the Trade Show Floor *(GNCC)*
Trade Show Open; Education/Research Posters on Display *(GNCC)*
Climbers' Corner *(GNCC)*
General Educational Sessions *(GNCC)*
Break on the Trade Show Floor; Education/Research Poster Presentations *(GNCC)*
General Educational Sessions *(GNCC)*
AREA Meeting and Student Social *(GNCC/Public House)*
Soil Compaction over Coffee and Dessert—Special TREE Fund Presentation *(GNCC)*

Tuesday, 1 August

8:00 am–9:00 am
8:00 am–3:00 pm
9:15 am–2:00 pm
9:00 am–10:30 am
10:30 am–11:00 am
11:00 am–12:30 pm
12:30 pm–2:30 pm
2:30 pm–4:00 pm
4:15 pm–5:00 pm
7:00 pm–11:00 pm

Continental Breakfast on the Trade Show Floor *(GNCC)*
Trade Show Open; Education/Research Posters on Display *(GNCC)*
Climbers' Corner *(GNCC)*
General Educational Sessions *(GNCC)*
Break
General Educational Sessions *(GNCC)*
Break on the Trade Show Floor; Education/Research Posters on Display *(GNCC)*
General Educational Sessions *(GNCC)*
Keynote/Closing Session *(GNCC)*
TREE Fund After Hours Silver Anniversary Tour Celebration and Mid-Atlantic Chapter Celebration *(GNCC)*

Wednesday, 2 August

7:30 am–8:00 am
7:30 am–3:30 pm
8:00 am–12:00 pm
8:00 am–12:00 pm
8:00 am–5:00 pm
8:00 am–5:00 pm
8:00 am–3:00 pm
12:00 pm–1:30 pm
1:30 pm–3:00 pm
3:00 pm–3:15 pm
3:15 pm–5:00 pm

Coffee and Networking *(GNCC)*
Education/Research Posters on Display *(GNCC)*
General Educational and AREA Sessions *(GNCC)*
ISA Botanic Garden and US Capitol Tour *(GNCC/departs from GNCC)*
SMA Municipal Specialist Certification Exam Prep Course *(GNCC)*
Casey Trees Welcome and Tour *(GNCC/departs from GNCC)*
SCA Field Day: History Meets Innovation *(departs from GNCC)*
Break
General Educational and AREA Sessions *(GNCC)*
Break
General Educational and AREA Sessions *(GNCC)*

Conference Registration Rates and Information

Registration Type	ISA MEMBER	NON-MEMBER
Conference Package		
Register by 2 June 2017	\$465	\$610
Register 3 June–25 July 2017	\$515	\$660
Onsite registration starting 28 July 2017	\$575	\$720
Student Member Package		
Register by 2 June 2017	\$95	N/A
Register 3 June – 25 July 2017	\$95	N/A
Onsite registration starting 28 July 2017	\$95	N/A
Monday Package		
Register by 2 June 2017	\$255	\$320
Register 3 June – 25 July 2017	\$280	\$345
Onsite registration starting 28 July 2017	\$315	\$380
Tuesday Package		
Register by 2 June 2017	\$280	\$345
Register 3 June – 25 July 2017	\$305	\$370
Onsite registration starting 28 July 2017	\$340	\$405
Wednesday Package		
Register by 2 June 2017	\$210	\$275
Register 3 June – 25 July 2017	\$235	\$300
Onsite registration starting 28 July 2017	\$270	\$335
Trade Show Plus		
Register by 25 July 2017	\$39	\$39
Onsite registration starting 28 July 2017	\$50	\$50
Child (12 years old or under)	\$0	\$0
Monday or Tuesday Trade Show		
Register by 25 July 2017	\$24	\$24
Onsite registration starting 28 July 2017	\$30	\$30
Welcome Reception		
Register by 25 July 2017	\$19	\$19
Onsite registration starting 28 July 2017	\$25	\$25
Child (12 years old or under)	\$0	\$0

Ticketed Events	
Pre-Conference Workshops	
Tree Anatomy Workshop—3 Days (onsite registration not available)	
ISA Member: Register by 25 July 2017	\$650
Non-Member: Register by 25 July 2017	\$725
ASTI Aerial Rescue & Climbing Safety in the Workplace	
Register by 25 July 2017	\$35
Onsite registration starting 28 July 2017	\$35
Pre-Conference Workshops	
Register by 25 July 2017	\$85
Onsite registration starting 28 July 2017	\$99
The Trees (And Soils) of Washington's Monument Tour—Full-Day	
Register by 25 July 2017	\$140
Onsite registration starting 28 July 2017	\$160
Arlington National Cemetery Tree Tour—Half-Day	
Register by 25 July 2017	\$85
Onsite registration starting 28 July 2017	\$99
Networking Opportunities	
Women in Arboriculture Networking Session	
Register by 25 July 2017	\$50
Onsite registration starting 28 July 2017	\$60
AREA Meeting and Student Social	
Register by 25 July 2017	\$20
Onsite registration starting 28 July 2017	\$30
ISA STUDENT: Register by 25 July 2017	\$5
ISA STUDENT: Onsite registration starting 28 July	\$5
Wednesday Choose Your Own Adventure	
SMA—Municipal Specialist Certification Prep Course	
Register by 25 July 2017	\$95
Onsite registration starting 28 July 2017	\$105
SCA Field Day: History Meets Innovation	
Register by 25 July 2017	\$85
Onsite registration starting 28 July 2017	\$105
Casey Trees Tour—Full-Day	
Register by 25 July 2017	\$140
Onsite registration starting 28 July 2017	\$160
ISA Botanic Garden and US Capitol Tour—Half-Day	
Register by 25 July 2017	\$85
Onsite registration starting 28 July 2017	\$99

Featured Registration Rates

Conference Package—Includes Free Sunday Branch-Out Sessions, Sunday Arboriculture Celebration, and Welcome Reception (on Trade Show Floor), Monday–Wednesday Educational Sessions, Monday–Tuesday Trade Show with Climbers' Corner.

Trade Show Plus—Trade Show Plus provides access to all activities that will take place on the Trade Show Floor during all show hours including Sunday Welcome Reception and Climbers' Corner sessions. Also included are Free Sunday Branch-Out Sessions, Sunday Arboriculture Celebration, and Monday's President's Welcome and Keynote presentation.

Wednesday Choose Your Own Adventure—Attend the AREA sessions, the general education track, or you can choose to purchase a ticket to one of the activities on Wednesday, 2 August, including opportunities to travel offsite of the Gaylord National Convention Center.

ONSITE REGISTRATION HOURS & LOCATIONS:

Gaylord National Convention Center, Level 2 Concourse

Friday, 28 July	4:00 pm–6:00 pm
Saturday, 29 July	7:30 am–1:30 pm
Sunday, 30 July	7:30 am–8:30 pm
Monday, 31 July	7:00 am–5:00 pm
Tuesday, 1 August	7:30 am–1:30 pm
Wednesday, 2 August	7:00 am–11:00 am

US National Arboretum

(For Pre-Conference Workshops at Arboretum)

Friday, 28 July	7:00 am–10:30 am
	12:30 pm–1:30 pm
Saturday, 29 July	8:30 am–9:30 am
	12:30 pm–1:30 pm

View all registration type descriptions, download a registration form, or register online at: www.isa-arbor.com/conference

TRADE SHOW

- Latest in industry equipment
- New products and services
- CEUs at the Climbers' Corner

SCHEDULE

- **Sunday, 30 July**
7:30 pm–9:30 pm
(Welcome Reception on the Trade Show Floor)
- **Monday, 31 July**
11:00 am–5:00 pm (Trade Show Open)
- **Tuesday, 1 August**
8:00 am–9:00 am (Continental Breakfast on the Trade Show Floor)
8:00 am–3:00 pm (Trade Show Open)



SPONSOR RECOGNITION

THANK YOU TO OUR 2017 SPONSORS

As of 11 May 2017

Without sponsor support, the educational and networking opportunities provided at the International Conference and the ITCC would not be possible.



Utility Education



Onsite Guide



Conference Bags



Conference App



The Original Tree Climbers' Gear

ITCC Apparel



Arboricultural Research and Education Academy

Women in Arboriculture Networking Session



Badge Holders



Arboriculture Celebration & Welcome Reception



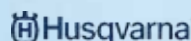
ITCC Presenting Sponsor and Participant Bags; Conference Charging Stations



ITCC Work Climb



ITCC/Attendee Water Bottles



ITCC Masters' Challenge & Climbers' Corner



Trade Show Aisle Signs



ITCC Head-to-Head Footlock



ITCC Ascent Event



Tuesday Educational Sessions



Conference Bags



Conference Bags



ITCC Celebration Reception



Student Activities



ITCC Work Climb

Opportunities are still available to sponsor events at the 2017 ISA Annual International Conference and Trade Show.

View sponsorship opportunities online at
www.isa-arbor.com/events/conference/sponsorship.aspx