

PRE-CONFERENCE WORKSHOPS AND TOURS

(As of 26 April 2018)

GCCC =
Greater Columbus
Convention Center

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

* Free with conference registration. No additional ticket required.

FRIDAY, 3 AUGUST

Franklin Park		
8:00 am – 5:00 pm Tree Anatomy Workshop (Day 1) Mark Hartley 24 A, M, T, L, Bs (Lunch included)	8:00 am – 12:00 pm Street Tree Master Planting Design Workshop Stephanie Foster-Miller, Alan Siewert, Wendi Van Buren 3.5 A, M; 0.5 Bs, 3.0 Bm	11:00 am – 12:00 pm Franklin Park Conservatory Tree Walk * 0.5 A, Bm
	1:00 pm – 5:00 pm Soil Quality Assessment and Management for Urban Trees Bryant Scharenbroch, Les Werner, Luke Scheberl 3.5 A, M, T, L, Bp	1:00 pm – 2:00 pm Explore the Franklin Park Conservatory's Tropical Plant Collection * 1.0 A, Bs
		3:00 pm – 4:00 pm Historical Tour of the Franklin Park Conservatory Property * No CEUs

SATURDAY, 4 AUGUST

Franklin Park			GCCC
8:00 am – 5:00 pm Tree Anatomy Workshop (Day 2) Mark Hartley (Lunch included)	8:00 am – 12:00 pm Top Knots Bear LeVangie 3.5 A, T, L, Bp	11:00 am – 12:00 pm Franklin Park Conservatory Tree Walk * 0.5 A, Bm	8:00 am – 5:00 pm Law & Order Workshop Part One: Basic and Advanced Concepts of Tree Law Victor Merullo (Lunch included)
	1:00 pm – 5:00 pm ASTI Workshop: Z133, the New Standard—What You Need to Know and Why You Need to Know It! John Ball, Tim Walsh 3.5 A, T, L, M, U 2.0 Bp, 1.5 Bm	1:00 pm – 2:00 pm Explore the Franklin Park Conservatory's Tropical Plant Collection * 1.0 A, Bs	Part Two: Mock Trial: What to Expect as a Professional Witness Craig Schaar, Robin Kennedy 6.5 A, T, L 3.5 M, U 2.0 Bp 4.5 Bm
		3:00 pm – 4:00 pm Historical Tour of the Franklin Park Conservatory Property * No CEUs	

SUNDAY, 5 AUGUST

Franklin Park		Greater Columbus Convention Center	
8:00 am – 3:00 pm Tree Anatomy Workshop (Day 3) Mark Hartley (Lunch included)	9:00 am – 10:00 am Franklin Park Conservatory Tree Walk * 0.5 A, Bm	9:00 am – 12:00 pm Tree Tour of Green Lawn Cemetery Randel Rogers 1.5 A, M, Bm	9:00 am – 10:20 am Branch Out 1 * A to Z: A300 1.25 A, T, L, M, U 0.25 Bs, 0.5 Bp, Bm
	11:00 am – 12:00 pm Explore the Franklin Park Conservatory's Tropical Plant Collection * 1.0 A, Bs	8:00 am – 5:00 pm Using the 10th Edition of the Guide for Plant Appraisal Jim Clark, Tom Smiley, Mark Duntemann 6.5 A, M 1.0 Bs, Bp 4.5 Bm (Lunch included)	10:30 am – 12:00 pm Branch Out 2 * A to Z: Z133 1.5 A, T, L, M, U 0.75 Bp, Bm
	1:00 pm – 2:00 pm Historical Tour of the Franklin Park Conservatory Property * No CEUs	1:00 pm – 4:00 pm Diagnostic Discovery Walk-About: Sharpen Your Scouting and Tree Problem-Solving Skills Joe Boggs, Amy Stone, Jim Chatfield, Erik Draper, Dave Shetlar, Curtis Young 3.0 A, T, L, M 2.0 Bs, 0.5 Bp, Bm	1:00 pm – 2:20 pm Branch Out 3 * Citizen Science in Urban Forestry: Presenting a Journal Special Issue Lara Roman, Eric North 1.0 A, M, Bm
			2:30 pm – 4:00 pm Branch Out 4 * Chaos and Conflict Kaizad Irani (CEUs TBD)

Beginner

General

Advanced

Climbers' Corner

Meeting

MONDAY–WEDNESDAY EDUCATIONAL SESSIONS

(As of 26 April 2018)

MONDAY, 6 AUGUST

Climbers' Corner

Greater Columbus Convention Center			
Coffee and Networking 7:30 am – 8:00 am			
ISA Board President's Welcome Address — Paul Ries / Welcome from the Ohio Chapter 8:00 am – 8:30 am			
8:30 am – 9:20 am The Survivor Tree: Witness to Tragedy, Symbol of Strength — Mark Bays 1.25 A; 0.75 T, L, M; 0.75 Bs; 0.5 Bm			
Trees & People	Utility	Tree Biology	Urban Forestry/Municipal
9:30 am – 10:15 am Trees as Nature-Based Solutions for Grand Challenges Cecil Konijnendijk 0.75 A, M, Bm	9:30 am – 10:15 am EAB by the Numbers: A FirstEnergy Perspective Marvin Mantos 0.75 A, T, L, M, U 0.25 Bs, Bp, Bm	9:30 am – 10:15 am Assessment of Six Practical Indicators of Street Tree Establishment Gregory M. Moore 0.75 A, T, L, M 0.25 Bs, Bp, Bm	9:30 am – 10:15 am Status of Municipal Forestry in the Republic of Moldova David Gamstetter 0.75 A, M, Bm
10:20 am – 11:00 am Emerald Ash Borer, Public Health, and Crime Geoffrey Donovan 0.75 A, M 0.25 Bs; 0.5 Bm	10:20 am – 11:00 am Utility Tree Management: The New Zealand Comprehensive Approach David Glenn 0.75 A, M, U, Bm	10:20 am – 11:00 am Morphophysiology and Management of Veteran Trees: Two Case Studies Stefania Gasperini, Giovanni Morelli 0.75 A, T, L, M 0.25 Bs; 0.5 Bp	10:20 am – 11:00 am Data and Dollars: Impacts of a Tree Inventory in Detroit Todd Mistor 0.75 A, M, U, Bm
Break on the Trade Show Floor/ Lunch Break 11:00 am – 1:00 pm			
Urban Forestry	Utility	Mixing it Up	Symposium
1:00 pm – 1:30 pm Sustainable Urban Forest Management: Turning Rhetoric into Reality Matthew Wells 0.5 A, M; 0.25 Bs, Bm	1:00 pm – 1:30 pm Full-Scale Testing on Trees' Contact with the 25k Volt Feeders Duc Hai Nguyen 0.5 A, T, L, M, Bm	1:00 pm – 1:55 pm Tiny Talk — Big Ideas (To Be Determined) (CEUs TBD)	WOMEN IN ARBORICULTURE 1:00 pm – 1:30 pm Enhancing Women's Roles and Participation in Arboriculture and Urban Forestry Adrina C. Bardekjian 0.5 A, T, L, M, Bm
1:30 pm – 1:55 pm Urban Sites and Tree Architecture as Indicators of Tree Performance Eric North 0.5 A, T, L, M; 0.25 Bs, Bm	1:30 pm – 1:55 pm Drones in Urban and Utility Forestry Dan Staley 0.5 A, T, L, M, U, Bm		1:30 pm – 3:00 pm Panel Discussion Facilitator: Dana Karcher 1.5 A, T, L, M, U 0.75 Bp, Bm
Municipal	Business	Practical Arboriculture	
2:00 pm – 2:30 pm In a Transforming Neighborhood, Partnering to Grow the Urban Forest James D. Kaechele 0.5 A, M, Bm	2:00 pm – 3:00 pm Grow to Sell-Sell to Grow Kaizad Irani (CEUs TBD)	2:00 pm – 2:30 pm Bounce Back! The Importance of Resilience in Tree Work Mark Bridge 0.5 A, T, L, M, U, Bp	
2:30 pm – 3:00 pm Creating Funding Options for Urban Forestry William (Bill) H. Hahn, Jonathan M. Malish 0.5 A, M, U, Bm		2:30 pm – 3:00 pm How Much Can the Ground Take Travis Vickers 0.5 A, T, L, M, U 0.25 Bp, Bm	
Break on the Trade Show Floor 3:00 pm – 4:00 pm Poster Presentations (Question and Answer Hour)			
Tree and Cities	Pests and Diseases	Student Presenters	Symposium
4:00 pm – 4:30 pm Engaging Citizen Scientists in Monitoring and Stewardship of Young Trees Dana Dentice, Lara Roman 0.5 A, M, Bm	4:00 pm – 4:30 pm Developing DED-Tolerant American Elm and Restoration of the Urban-Rural Landscape Charles E. Flower, Cornelia C. Pinchot 0.5 A, M; 0.25 Bs, Bm	4:00 pm – 5:00 pm Make No Small Plans: Ohio State's Goal to Double Tree Canopy Ryan Vogel Residential Urban Forest Management in Malmö, Sweden Blaz Klobucar Arboricultural Literature: Technology Transfer Solutions Anna DeToro (CEUs TBD)	4:00 pm – 5:00 pm The Ohio Tree Commission: What Makes us Tick Ohio Chapter ISA 1.0 A, M, Bm
4:30 pm – 5:00 pm Street Tree Longevity: Tree Growth and Response Over Forty Years Richard Hauer 0.5 A, M; 0.25 Bs, Bm	4:30 pm – 5:00 pm Which Fungi Matter And What Are They Telling Us? Curtis E. Young 0.5 A, T, L, M, U, Bs		

CCCC
On the Trade Show Floor
Climbers' Corner
9:30 am – 11:00 am Evolution of Modern Tree Climbing Phil Kelley 1.5 A, T, L, M, U 0.75 Bp, Bm (Ticket Required)
11:10 am – 11:50 am The Silent Future Christian Johnsson 0.75 A, T, L, M 0.5 Bp, 0.25 Bm
Town Hall
12:00 pm – 12:30 pm Greening Youth For a Better Tomorrow Discussion Discussion led by James C. Ezeilo and Angelou Ezeilo 0.5 A, M, Bm
12:30 pm – 1:00 pm Arborist Apprenticeship: Attracting and Retaining a Well-Qualified Workforce Discussion led by Brigitte Orrick 0.5 A, T, L, M, Bm
Climbers' Corner
1:15 pm – 2:15 pm Cut Above The Rest: Two Hands are Better Than One! Alex Laver 1.0 A, T, L, M, U 0.5 Bp, Bm
2:30 pm – 3:15 pm Rope Construction Adam Moser (CEUs TBD)
3:30 pm – 4:15 pm Bounce Back! Mark Bridge 0.75 A, T, L, M, U, Bp
Trade Show closes at 4:30

Beginner

General

Advanced

Climbers' Corner

Meeting

TUESDAY, 7 AUGUST

Climbers' Corner

Greater Columbus Convention Center			
Networking and Breakfast on Trade Show Floor 7:30 am – 9:00 am			
ISA Annual Business Meeting (Climbers' Corner Area) 8:00 am – 8:25 am			
Sustainability & Diversity	Practical Arboriculture	Soils Panel	Symposium
9:00 am – 9:40 am Presentation to be determined (CEUs TBD)	9:00 am – 9:40 am Pruning to Death: Topping Can Also Affect Microclimate Conditions Francesco Ferrini 0.75 A, T, L, M, U 0.25 Bs; 0.5 Bp	9:00 am – 11:00 am Urban Tree Space Design: Myths, Case Studies, Best Practices Tyler Stevenson, James Urban The What, Why, & How of High-Performance Urban Trees Jeremy Bailey Root Growth Under Pavement: Two Urban Plaza Studies Tom Smiley, James Urban Ohio Urban Site Index Stephanie Foster-Miller A Rapid Urban Site Index for Street Tree Planting Sites Bryant Scharenbroch Panel Discussion 1.25 A, M 0.25 U, Bs 0.5 T, L, Bp, Bm	9:00 am – 11:00 am Creating a Sustainable Urban Forests Science and Practice Network Scott Maco, Paul Ries, Owen Croy Panelists: Dave Gamstetter, Rich Hauer, Cecil Konijnendijk, Dave Nowak, Jessica Sanders, Matt Wells, Jess Vogt 2.0 A, M, U 1.0 Bs 0.5 Bp, Bm
9:40 am – 10:20 am As the Climate Changes Urban Forests Will Feel the Heat Daniel A. Herms 0.75 A, M, Bs	9:40 am – 10:20 am American Chestnut Restoration: An Icon Returns Carolyn S. Keiffer 0.75 A, M 0.25 Bs; 0.5 Bm		
10:20 am – 11:00 am Arborist Role in Disaster Planning: Recovery with Urban Forest Strike Teams Dudley Hartel, John Parry 0.75 A, M, Bm	10:20 am – 11:00 am Basic Field Diagnostics Jennie D. Mazzone 0.75 A, T, L, M, Bs		
Break on the Trade Show Floor/ Lunch Break 11:00 pm – 12:00 pm			
Business and Workforce Development	Practical Arboriculture	Soils and Fertilization	Symposium
12:00 pm – 12:40 pm Good Leadership: The Key Ingredient Jay Maier 0.75 A, M, Bm	12:00 pm – 12:40 pm Ornamental Trees Gone Bad: How the Callery Pear Became Invasive Theresa Culley 0.75 A, M, U 0.25 Bs, Bp, Bm	12:00 pm – 12:40 pm Fertilizers and Fertilization: Much To Discover! Joe R. Samnik 0.75 A, T, L, M 0.5 Bs; 0.25 Bm	12:00 pm – 2:00 pm Tree Biomechanics Facilitator: TBD Introduction with Ward Peterson Root and Stem Cutting and the Impact on Tree Stability Tom Smiley Assessment of Uprooting Strength and Recovery after Root Failure for Platanus Occidentalis Philip van Wassenae Will Standard Reduction Pruning Regenerate Smaller, Safer Trees? Guy Meilleur Crown Restoration Pruning of Damaged Trees Jake Miesbauer Radial Secondary Root Growth Patterning in Maple Jason Grabosky Tree-top Perspectives from Biomechanics Technicians Chad Clink, Jim Funai 2.0 A, T, L, M, U; 1.0 Bs, Bp
12:40 pm – 1:20 pm How To Get The Most Out of Your New Hires Brad Hughes 0.75 A, M, Bm	12:40 pm – 1:20 pm New Understandings of Lightning & Tree Damage Kim D. Coder 0.75 A, T, L, M 0.5 Bs; 0.25 Bp	12:40 pm – 1:20 pm Fertilizers: The Good, The Bad, and The Generally Unnecessary Linda Chalker-Scott 0.75 A, T, L, M 0.5 Bs; 0.25 Bp	
1:20 pm – 2:00 pm The Crumbling Foundation of Modern Arboriculture: Finding Climbers? Austin Wienecke 0.75 A, M, Bm	1:20 pm – 2:00 pm Mature Tree Transplanting: Science Supporting Best Management Practice Gary Watson 0.75 A, M 0.25 Bs, Bp, Bm	1:20 pm – 2:00 pm Creating Healthy Soil in the Residential Setting Sylvia McNeill 0.75 A, T, L, M, U 0.5 Bs; 0.25 Bm	
Break on Trade Show Floor 2:00 pm – 3:00 pm			
Arborist Workforce	Tree Risk Assessment	Climate Change	Symposium
3:00 pm – 3:40 pm Training the Next Generation of Arborists John Ball 0.75 A, M	3:00 pm – 3:40 pm White Hat Hacking the TRAQ Methodology James Komen 0.75 A, T, L, M, Bm	3:00 pm – 3:40 pm Tree Atlas, Forest Health and Future Tree Risk Assessment Anantha M. Prasad, Louis R. Iverson 0.5 A, M; 0.25 Bs, Bm	3:00 pm – 3:40 pm Facilitating Destructive Biomechanics Tree Research Mark J. Hoenigman Testing Cabled and Braced Canopies in Mature Tree Canopies AND Stories from Biomechanics Week: Past, Present, and Future Greg Dahle 0.75 A, T, L, M, U; 0.5 Bs; 0.25 Bp
NASA and the Arborist: An Accidental Collaboration — Matt Melis 3:45 pm – 5:00 pm 1.25 A, T, L, M; 0.75 Bs; 0.25 Bm			

GCCC
On the Trade Show Floor
Climbers' Corner
8:30 am – 9:15 am Preventative Chainsaw Maintenance: Pre-Inspection for ChainSaws: 5 Part Plan Cary Shepherd 0.75 A, T, L, M, U, Bm
9:30 am – 10:30 am Felling the Tree: Working the Plan Rip Tompkins 1.0 A, T, L, M, U, Bp
10:45 am – 11:30 pm Work Safety: The Importance of Performing Aerial Inspection Samuel Ma 0.75 A, T, L, M, U 0.25 Bs, Bp, Bm
12:00 pm – 1:00 pm Climbing Around Powerlines: Am I Qualified? Kevin Myers, Erick Navarro Palacios, Craig Murk 1.0 A, T, L, M, U 0.5 Bp, Bm
1:15 am – 2:45 pm EAB Scenario: Tree Removal with Green Initiative Eduardo Medina, Don Roppolo, Tim Walsh, Travis Vickerson (CEUs TBD)
Trade Show closes at 3:00



TREE FUND
Cultivating Innovation

Indicates research funded by the TREE Fund

Beginner

General

Advanced

Climbers' Corner

Meeting

WEDNESDAY, 8 AUGUST

Greater Columbus Convention Center	
Coffee and Networking 7:30 am – 8:00 am	
Featured Presenter: L.C. Chadwick Award Winner (TBA) 8:00 am – 8:40 am 0.75 A, M, Bp	
Good Ole Rocky Top: Knoxville, Tennessee 2019! Sharon Jean Philippe 8:40 am – 8:50 am	
AREA	Risky Behaviors
9:00 am – 9:30 am Urban Tree Canopy Cover Change in Philadelphia Lara Roman 0.5 A, M, Bm	9:00 am – 9:40 am A Review of Deaths in Australia from Accidental Tree Failures Mark A. Hartley 0.75 A, T, L, M, U 0.25 Bs, Bp, Bm
9:30 am – 10:00 am Selecting and Field Testing Climate-Ready Trees in California Janet Hartin 0.5 A, M; 0.25 Bs	9:40 am – 10:20 am Introducing the Haddon Matrix: Only You Can Prevent Injuries Alex Julius 0.75 A, T, L, M, U, Bm
10:00 am – 11:00 am AREA Student Presentation (Travel Grant Winners) moderated by Jason Grabosky 1.0 A, M, U, Bm	10:20 am – 11:00 am Chipper Use and Safety: What's New, What's Old Tim Walsh 0.75 A, T, L, M, U 0.25 Bp; 0.5 Bm
Lunch Break 11:00 pm – 12:00 pm	
AREA	Utility
12:00 pm – 12:30 pm Dismantling in Trees Observed After Natural Loading Events Anand Persad (CEUs TBD)	12:00 pm – 12:30 pm Practical Uses of Integrated Vegetation Management (IVM) in North America Geoff Kempter 0.5 A, T, L, M, U, Bm
12:30 pm – 1:00 pm Ecosystem Disservices — A Way Towards Acceptance for Urban Forestry Johan Östberg 0.5 A, M, Bm	12:30 pm – 1:00 pm Utility Management Randy Miller (CEUs TBD)
AREA	A Holistic Approach to Tree Lives
1:00 pm – 1:30 pm Managing Large and Old Urban Roadside Trees in Penang, Malaysia Fariza Firdaus Mohd Salleh 0.5 A, M, Bm	1:00 pm – 1:40 pm Managing the Politics of EAB Through Replacement Ralph C. Sievert, Philip J. Potyondy 0.75 A, M, Bm
1:30 pm – 2:00 pm Emerald Ash Borer Management Approaches: Ten-year Canopy Retention Case Study Rich Hauer, David Sivyer 0.5 A, T, L, M, Bm	1:40 pm – 2:20 pm The Economic Value of Tree Preservation During Development Robert J. Laverne, Wendy A. Kellogg 0.75 A, M, Bm
2:00 pm – 2:30 pm Six Years of Research about Trees Growing in Pervious and Impermeable Sidewalks Alessio Fini 0.5 A, T, L, M; 0.25 Bs, Bp	
2:30 pm – 3:00 pm Root Position and Growth on Asphalt Tensile Crack Failure Jason Grabosky 0.5 A, M; 0.25 Bs, Bp	2:20 pm – 3:00 pm A New Method to Compensate for Tree Loss David J. Nowak 0.75 A, T, L, M, U 0.25 Bs; 0.5 Bm
Turn in your CEUs!	

CHOOSE YOUR OWN ADVENTURE

Separately-Ticketed Events

SCA Field Day

9:15 am – 3:30 pm

A Three Destination Tour: Franklin Park Conservatory, Ahlum & Arbor Tree Preservation, and Land Grant Brewery
 Chris Ahlum
 4.75 A, T, L, M
 2.5 Bp; 2.25 Bm

***Load buses at 9:00 am from GCCC (Lunch included)**

SMA Tour

9:15 am – 4:15 pm

A Walking Tour of Downtown Columbus Trees
 Steve Cothrel
 4.75 A, T, L, M
 2.5 Bp; 2.25 Bm

***Load buses at 9:00 am from GCCC (Lunch included)**

ISA Tour

9:00 am – 11:30 am

The Ohio State University Campus Tour
 Steve Volkmann, Kim Moss, Mary Maloney
 1.5 A, T, L, M
 0.5 Bs, Bp, Bm

***Load buses at 8:50 am from GCCC**



Scan to Download the app
 or go online to
<http://eventmobi.com/isa2018>



Number of CEUs determined by length of session

s = Science
 m = Management
 p = Practice

Color Key

Beginner	General	Advanced	Climbers' Corner	Meeting
			On the Trade Show Floor	Open to Attendees

Beginner

General

Advanced

Climbers' Corner

Meeting