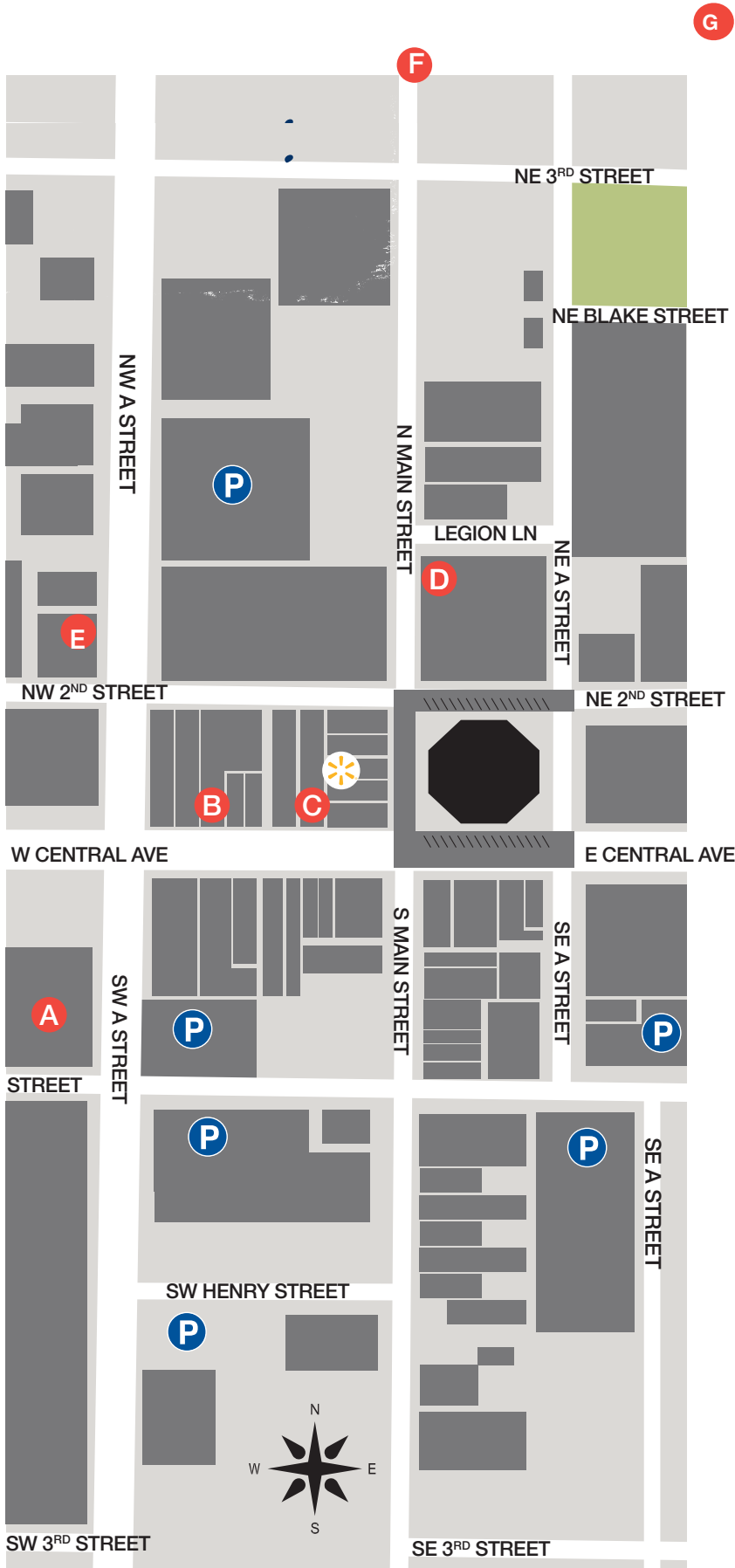


Date	Time Slot	Description
Tuesday, March 17	7:00 - 8:00 am	Registration, The Record
	7:00 - 8:00 am	A La Carte Breakfast in the Trail Expo, The Record
	8:00 - 9:00 am	General Session - Welcome & State of the Trails Industry, The Record
	9:15 am - 10:30 am	Concurrent Session A
	10:45 am - 12:00 pm	Concurrent Session B
	9:15 am - 12:00 pm	Seminar Session 1
	12:15 pm - 1:30 pm	Keynote Speaker: Gary Vernon, Walton Family Foundation Banquet Lunch, The Record
	1:30 pm - 2:15 pm	Networking in the Trail Expo, The Record
	2:15 pm - 3:30 pm	Concurrent Session C
	3:45 pm - 5:00 pm	Concurrent Session D
	2:15 - 5:00 pm	Seminar Session 2
	5:00 - 6:30pm	Happy Hour and Appetizers in the Trail Expo, The Record
	6:30 - 7:30 pm	Dinner on your own
	7:00 - 11:00 pm	St. Patrick's Day Party at the Hub
Wednesday, March 18	8:00 am - 9:00 am	A La Carte Breakfast in the Trail Expo, The Record
	9:15 am - 10:30 am	Concurrent Session E
	10:45 am - 12:00 pm	Concurrent Session F
	9:15 am - 12:00 pm	Seminar Session 3
	12:15 pm - 1:30 pm	Keynote Speaker: Grady Spann, Director, Arkansas State Parks Banquet Lunch, The Record
	1:30 pm - 2:15 pm	Networking in the Trail Expo, The Record
	2:15 pm - 3:30 pm	Concurrent Session G
	3:30 pm - 5:30 pm	Dirt Demo - Off-Site
	5:30 pm - 7:00 pm	Dinner on your own
	7:00 pm - 10:00 pm	Party at the Meteor
Thursday, March 19	8:00 am - 9:30 am	Southern Farewell Breakfast, The Record
	9:45 am - 11:00 am	Concurrent Session E
	11:15 am - 12:30 pm	Concurrent Session F
	12:30 pm	Conference Ends



Sustainable Trails Conference

Core Conference:
March 17-19, 2020

Optional Hands-on Workshops:
March 14-16 & March 19-21

VENUE LOCATIONS

- A** Record
104 SW A Street
- B** Meteor Guitar Gallery
128 W Central Avenue
- C** Walmart Museum World Room
105 N Main Street (3rd floor)
- D** Arvest Bank Conference Center
201 NE A Street
- E** Tavola Restaurant
108 SE A St
- F** Compton Gardens,
312 North Main St.
- G** Slaughter Pen
Trails Trailhead
- H** The Hub











H

TUESDAY, MARCH 17

7:00 am - 8:00 am	Registration	The Record South
7:00 am - 8:00 am	A La Carte Breakfast in the Trail Expo	The Record South
8:00 am - 9:00 am	Welcome to Bentonville and State of the Trails Industry Jed Talbot, PTBA Board President	The Record North
9:15 am - 10:30 am	Concurrent Session A	
10:45 am - 12:00 pm	Concurrent Session B	
9:15 am - 12:00 pm	Seminar Session: Trail Management 2.0	The Record North
9:15 am - 12:00 PM	Trail Tour of the Slaughter Pen (Pre-registration required, bikes not provided)	
12:15 pm - 1:30 pm	Lunch & Keynote Speaker Gary Vernon, Walton Family Foundation	The Record North
1:30 pm - 2:15 pm	Networking in the Trail Expo	The Record South
2:15 pm - 3:30 pm	Concurrent Session C	
3:45 pm - 5:00 pm	Concurrent Session D	
2:15 pm - 5:00 pm	Seminar Session: A Primer on Successful and Sustainable Shared Use and Mountain Bike Trails	The Record North
5:00 pm - 6:30 pm	Happy Hour in the Trail Expo <i>Sponsored by Tools for Trails</i>	
6:30 pm - 7:30 pm	Dinner on your own	
7:00 pm - 11:00 pm	St. Patrick's Day Party at the Hub!	410 SW A Street

TUESDAY, MARCH 17

All concurrent sessions are labeled with the following *Track* icons:

- | | | | |
|---|---------------------------|---|------------------------------|
|  | Trail Design & Assessment |  | Science & Policy |
|  | Technical Trailbuilding |  | Partnerships & Case Studies |
|  | Mountain Bike Trails |  | Professional Skill Building |
|  | Trail Communities |  | Arkansas Featured Project |
|  | Trail Funding |  | Engaging the next generation |

SEMINAR SESSION: 9:15 am - 12:00 pm

Trail Management 2.0: A multi-faceted, collaborative approach to developing lasting and valued trails and trail systems

Scott Linnenburger, Kay-Linn Enterprises (PTBA Member); Dr. Jeremy Wimpey, Applied Trails Research (PTBA Member)

This session will provide best practices regarding the classification and balancing of ecological, physical, social, and managerial trail sustainability, commonly used trail inventory and assessment processes, and sustainable trail design, construction, and maintenance techniques. The information is tailored for trail managers at the site or departmental level seeking to improve the quality of the trail user experience, reduce maintenance burden of their trail systems, and preserve natural ecological functions and values.



Record North

SEMINAR SESSION: 2:15 - 5:00 pm

A Primer on Successful and Sustainable Shared Use and Mountain Bike Trails

Richard Edwards, International Mountain Bicycling Association





Learn how to make great trails a reality through an overview of the fundamentals of sustainable and successful trail planning, design, construction and management. Trails are the primary interface for most open space visitors and this session will explore how to create positive visitor experiences while remaining light on the land and cost effective. This session will draw from IMBA Trail Solutions' experience in over 500 projects in North America, South America, Europe, Scandinavia, and Asia.



Meteor Guitar Gallery

TUESDAY, MARCH 17

CONCURRENT SESSION A: 9:15 - 10:30 am

<p>GIS for trails <i>Emilie Young-Vigneault, Sentiers Boréals (PTBA Member)</i> GIS is a great and underused tool in trail building. It can be used as a layout tool for future development projects or as a mapping tool for user and risk management teams. Participants will learn the strength and limitations of GIS and its uses for trail building, planning and management.</p>	
	<p>Arvest Bank</p>
<p>The Creation of Monument Trails <i>Amber Brown, Arkansas Parks and Recreation Foundation</i> Arkansas Parks and Recreation Foundation was created in 2017 as a public / private partnership to protect, enhance, support, and add value to our State Parks as well as to improve health and wellness across the state. To do so, we aim to build the highest quality bike-optimized trails in Arkansas State Parks. Since 2017 we have constructed 25 miles of singletrack trail in 2 state parks with 52 more miles in 3 parks currently in the works, along with campsites, trailhead structures, and other sense of place amenities. We will discuss how you can create success in your own sphere - as a land manager, trail builder / contractor, or non-profit.</p>	
	<p>Walmart World Room</p>
<p>Designing For Success: Creating 4-seasons of positive user experiences at lift access resorts through smart trail planning, design, construction, maintenance and operations. <i>Nat Lopes, Hilride Progression Development Group LLC (PTBA Member); Patrick Olstad, SE Group</i> This presentation will outline the value of an integrated planning and design approach to providing 4-seasons of positive user experiences at lift access resorts. With practical examples of best practices applicable to every resort, bike park and destination riding area, this topic will be explored from the perspective of a landscape architect and a bike park designer. Case studies will cover the typical approach to design/build and introduce a smart new way of integrating design/build with active maintenance and operations to create more positive user experiences and drive revenues.</p>	
	<p>Meteor Guitar Gallery</p>
<p>Trail maintenance through an Adopt A Trail volunteer program <i>Ernest Saeger, Vail Valley Mountain Trails Alliance</i> Vail Valley Mountain Trails Alliance created an Adopt A Trail (AAT) program in 2016 in partnership with our local Forest Service District. In 2016, we had 30 trails adopted by 30 local businesses/ organizations/groups/families. In 2019, that number has jumped to 53 trails adopted by 51 organizations. Annually over 200 miles of trail is maintained and over 2,500 volunteer hours are logged by 700+ volunteers. Trails are now maintained on USFS land, BLM land, and town/ municipal land. The community is engaged, trails are maintained, trail stewards are created, and bandwidth to create new trails is created.</p>	
	<p>Tavola Upstairs</p>

CONCURRENT SESSION B: 10:45 am - 12:00 pm

Stone Structures for Pedestrian Trails

Erin Amadon, Town 4 Trail Services, LLC (PTBA Member); Willie Bittner, Great Lakes Trailbuilders, LLC (PTBA Member)

Stonework is not for everyone, but for those with patience, attention to detail, a hard work ethic, and a general love for puzzles, stonework can be one of the most rewarding forms of trail work. Explore, through a slide show presentation, the various stone structures which can be used in trail construction. This session will further explore the ideal rock size and shapes for structures, safe transportation methods, and construction techniques for stone structures.



Arvest
Bank

From Historic Trails to Pathways Forward: Sustainable Heritage Management and Tribal Consultation

Dr. Bethany Henry Rosenbaum, Arkansas Trail of Tears Association/Partnership for the National Trails System

Trailbuilding requires establishing partnerships and working with diverse communities. Drawing on case studies in Northwest Arkansas, this session will explore the development, preservation, marking, interpretation, and mixed-trail use of the Trail of Tears National Historic Trail. The goal is to provide effective tools in trail development that engage multiple partners including volunteers, Tribal nations, associations and non-profits, and municipal, state, and federal governments, while preserving and maintaining the integrity of historic trails that offer recreational and educational opportunities for the public. We will explore ways to engage new audiences and analyze the “best practices” for other trails to consider adopting.



Walmart
World
Room

The DIRTT Project

Lars Wraae Jensen, OFT (Norway); Graeme McLean, Developing Mountain Biking in Scotland; Adrian Greiner, Bike Plan AG (Switzerland); Mark Torsius, IMBA Europe; Thomas Larsen Schmidt, DGI Denmark and President of IMBA Europe; Tom Campbell, Edinburgh Napier University (Scotland); Lise Berith Lian, Viken County, Tinius Olsen Technical College (Norway)

The aim of the DIRTT project is to create educational resources and frameworks for future trail building, design, construction, maintenance, and management. The population of mountain bikers across the European continent is rapidly growing, and developing a system for creating sustainable, purpose-built tracks is paramount. The organizations involved in the project come from a variety of backgrounds, including tourism, advocacy, sports associations, and government education institutions. The groups involved are spread across Norway, Netherlands, Scotland, Switzerland, Denmark, and Portugal. Come learn about this ground-breaking project!



Meteor
Guitar
Gallery

Trail Builders and the Math Problem









Peter Jensen, Peter S. Jensen & Associates, LLC (PTBA Member)

This session will focus on the common and not so common calculations needed for everyday trail building. We will delve into equations, geometry, and some trigonometry. Don't let the math scare you! There are some cool short cuts as well! Come prepared with a pencil, calculator, and an open mind so that we can conquer some paper exercises. Please bring the math problem that vexes you and we will try to solve it!



Tavola
Upstairs

CONCURRENT SESSION C: 2:15 - 3:30 pm

<p>Trails Move People - Articulating the Impact and Amplifying the Voice of the Trails Industry <i>Mike Passo, American Trails</i></p> <p>For too long trails have been taken for granted and the true measure of their impact has not been calculated or shared. Trails Move People (TMP) hopes to highlight these many tangible and less apparent benefits of trails. To do so, TMP brings together a diverse cross section of the organized trails community. It is made up of trail-oriented national non-profit organizations, member organizations and other organized trail advocates. TMP also recognizes the success of trails nationwide is contingent on the input and advice from land managers, industry representatives, state and local clubs and others. Join Mike Passo for a discussion of how we can all work to break down the silos within the trails community, and what we can do to build support for trails in unexpected areas and among unexpected constituencies.</p>	  <p>Record North</p>
<p>Northwest Arkansas Trailblazers: Lessons learned from a 20-year history, organizational growth & structure, and community engagement <i>Erin Rushing, NWA Trailblazers</i></p> <p>Designing and developing a first-class trail system requires collaboration between community leaders, area non-profits and most important, the community members themselves. For 20 years, the NWA Trailblazers has been a community-driven organization which has built 150 miles of trail, completed 45 projects, and have 20 more trails in motion. Join this session to learn about their growth, structure and lessons learned over the last 20 years.</p>	   <p>Walmart World Room</p>
<p>Go Big! Lessons learned from conceptual planning, fundraising, design, development and operation of the award winning Griffin Bike Park, the National Recreation and Parks Association "2017 National Park Design of the Year". <i>Nat Lopes, Hilride Progression Development Group; Alex Fowler, Action Sports Construction; Rich Moore, Vigo County Parks and Recreation Department</i></p> <p>This presentation will cover the comprehensive planning, design and development process for the award winning Griffin Bike Park in Terre Haute, Indiana and how a small town community came together to fund, build and then program one of the most dynamic and successful municipal bike parks in the United States. The topic will be explored by the bike park designer responsible for managing the large scale hybrid development project, the specialty contractor responsible for the build out of the core riding amenities, and the bike park manager responsible for the active operation, programming and maintenance of the facility.</p>	   <p>Tavola Upstairs</p>
<p>How to Lead the Tailgate Safety Talk for Volunteer Work Crews <i>Robert Fina and Martha Becton, Potomac Appalachian Trail Club</i></p> <p>This session is designed to teach crew leaders for one day volunteer crew trips how to complete the pre-trip planning and deliver the Tailgate Safety talk to lead a safe work trip. Pre-trip planning topics include: What to bring; Emergency planning; Relevant forms; Location map; Weather report; and Hunting season. Safety Talk topics include: Work Plan; Specific hazards on the hike in or work site; Review hazards, how to mitigate; Tool hazards; Passing protocols; PPE; Trail users; End of day checklist - at site; and Pre departure checklist - at the parking area.</p>	   <p>Arvest Bank</p>

TUESDAY, MARCH 17

CONCURRENT SESSION D: 3:45 - 5:00 pm

Women at Work: Girls and Women Involved in Trailwork

Moderated by Aaryn Kay, PTBA

Panelists: Christine Byl, Interior Trails, Alaska; Amber Brown, Arkansas Parks and Recreation Foundation, Arkansas; Emilie Young-Vigneault, Sentiers Boréals, Quebec; Erin Amadon, Town 4 Trail Services, Maine.

Women are still a small percentage of the trails industry. Join this discussion with four female professional trailbuilders who have successfully pursued a career in trails. Panelists will discuss the challenges and strategies to engage more women in the industry.



Arvest
Bank

Organize a Successful Trail-based Event

Aimee Ross, Bike Bentonville; Nat Ross – Co-Race Director Big Sugar Gravel NWA; Josh Stacey – Bentonville Parks & Recreation Services Manager

This round table discussion will dig into the organization, skills, and details that go into creating a successful trail-based event. We'll tap into goal setting, over-coming challenges, measuring your impact, building a strategic communications plan, collaborating with traditional and non-traditional partners while keeping the event FUN for participants and organizers.



Walmart
World
Room

Morris County Trail Construction Grant: It takes more than money

Denise Chaplick, Director Park Planning & Development, Morris County Park Commission

Learn lessons from Morris County after four years of initiating a Trail Construction Grant program funded at the County level. This session will review the evolution of administering the program to consider rules, application process, and materials. We will also review the challenges and struggles a local community faces when trying to understand how to get a trail constructed after they received the grant award. The presentation will review solutions to achieve successful trail projects.



Tavola
Upstairs

WEDNESDAY, MARCH 18

8:00 am - 9:00 am	A La Carte Breakfast in the Trail Expo	The Record South
9:15 am - 10:30 am	Concurrent Session E	
10:45 am - 12:00 pm	Concurrent Session F	
9:15 am - 12:00 pm	Seminar Session: Educating Our Future Trail Professional - Digging In Deeper	The Record North
9:15 am - 12:00 PM	Trail Tour of the Slaughter Pen (Pre-registration required, bikes not provided)	
12:15 pm - 1:30 pm	Lunch & Keynote Speaker Grady Spann, Director of Arkansas State Parks <i>Sponsored by Springdale Tractor Co.</i>	The Record North
1:30 pm - 2:15 pm	Networking in the Trail Expo	The Record South
2:15 pm - 3:30 pm	Concurrent Session G	
3:30 pm - 5:30 pm	Dirt Demo - Off-Site	
5:30 pm - 7:00 pm	Dinner on your own	
7:00 pm - 10:00 pm	Party at the Meteor <i>Sponsored by Rogue Trails</i>	

SEMINAR SESSION: 9:15 am -12:00 pm

Educating Our Future Trail Professionals: Digging In Deeper

Moderated by Tony Boone, Tony Boone Trails and Timberline Trail Craft (PTBA Member)

Panelists: Rich Edwards, IMBA Trail Solutions; Keith Gipson, Dean of Instruction, Trinidad State Junior College (CO); Mike Riter, Trail Specialists (PTBA Member); Mark Torsius, IMBA Europe; Dr. Jeremy Wimpey, Applied Trails Research (PTBA Member)

Join this important conversation! As the outdoor recreation industry is forecasted to top a trillion dollars in economic impact in 2020, the demand for trail planners, designers & builders is increasing. A shortage of highly trained trail professionals in all areas is being felt on a local, national and global level. As a result, there is a need to provide high-quality employees to the trails industry and land management agencies, while helping promote professional activities in trail work as a legitimate life-long career, as compared to the traditional seasonal labor concept. Panelists will give overviews of programs they have contributed to and discuss the various pitfalls and successes they have encountered along the way. In the second half, a lengthy Q & A discussion session will be conducted. Panelists will then be available for an additional half hour to meet individually with participants. You can join for Part 1, Part 2 or this whole session!



The Record
North

WEDNESDAY, MARCH 18

CONCURRENT SESSION E: 9:15 - 10:30 am

Presenting Your Trails Vision: Building Political and Agency Support for a World Class Trail System

Darren Flusche, Montgomery Parks; Casey Anderson, Montgomery Parks

Great trails require partnerships and collaboration -- and leadership. This case study presentation shares the story of how Montgomery County Parks - a suburban community outside of Washington, DC - is pushing the envelope to develop a world-class trail system. Casey Anderson, the Chair of the Montgomery County Park and Planning Board, and Darren Flusche, a long-time bicycling advocate and planner, discuss how to frame trail development in a way that will be persuasive to key decision-makers. We will open up the discussion to hear your challenges and success stories.



Arvest Bank

Recycling Land To Upcycle Communities: Success stories in community-driven, destination trail system development

Scott Linnenburger, Kay-Linn Enterprises (PTBA Member); Gary Sjoquist, Quality Bike Products; Jim Plummer, IRRR (Minnesota); Chad Irey, Dirt Artisans (PTBA Member); Patrick Olstad, SE Group; Dawn McCarthy, USFS

At this critical juncture for rural industrial communities, a number of collaborative groups around the country have sought to take their future resiliency into their own hands- by building lots and lots of trails with the help of more than a dozen PTBA member companies. These projects are being developed 1) on lands that are "recycled" from a previous industrial use to a new recreational use, 2) utilizing novel funding and implementation models, and 3) in a community-driven, collaborative manner that both maintains authenticity and "upcycles" the multiple values being derived from the trail systems. While far from easy, members of this panel discussion will help to provide key frameworks for achieving success in developing audacious projects in the face of rural community decline.



The Meteor
Guitar
Gallery

Trail cameras during phased masterplanning and implementation: Falling Run Greenspace, Morgantown, West Virginia

Vaike Haas, West Virginia University

This study used infrared cameras to track patterns in trail use during the first two years of West Virginia University's establishment of a new urban woodland park. Infrared cameras at seven trailheads measured visitors' trail route preferences while trails were being built. The infrared camera photos provide additional insights into greenspace use: average visit duration, prevalence of each activity type, etc. From August 2016 – September 2018, 52,903 images captured 12,729 identifiable trail use "triggers", and 14,947 images in three months at WVU Core Arboretum for comparison. Coding distinguished between trail activity generated by people, wildlife, and motorized vehicles. Join this session to learn about use of infrared camera technology to collect trail data to further trail masterplanning and implementation.



Compton
Gardens

WEDNESDAY, MARCH 18

SESSION F: 10:45 am - 12:00 pm

Trail Building in the Southern Beeches

Peter Jensen, Peter S. Jensen & Associates, LLC (PTBA Member)

The session will focus on trail design and construction in Patagonia National Park, Chile and trail construction methods in New Zealand. Environment, terrain, soils, vegetation, access as well as other aspects play into how trails are planned, designed, and built. The presentation will delve into similarities and differences between the two as well as comparisons with North American trail construction practices.



Arvest Bank

Ride Smart! Creating a new standard for bike park design, construction, maintenance and operations.

Nat Lopes, Hilride Progression Development Group (PTBA Member); Megan Bradley, University of California at Berkeley

This presentation will provide a survey of best practices and critical challenges and an overview of a smart new approach to improving almost every stage of project planning from design to build through to active operations and maintenance. This new approach includes a range of process improvements, computer aided design resources, and professional grade field construction tools that can be integrated by every designer, builder and park operator to improve the quality of the product they deliver and ultimately the end user experience they are responsible for providing.



Meteor
Guitar
Gallery

Boost your Productivity: Tools of the Trade

Jérôme Pelland, Sentiers Boréals (PTBA Member)

Discover tips & tricks, all the new products and solutions to boost your productivity in trails design & construction.



Compton
Gardens

WEDNESDAY, MARCH 18

SESSION G: 2:15 - 3:30 pm

Bridges 101

Charlie Dundas, Tri-State Company (PTBA Member)

Introduction to the basic types of trail and pedestrian bridges by Tri-State Company, Inc. Includes discussion of the basic considerations of bridge design. Discussion of site selection, the "physics of bridge functioning", dead load, live load, and moment of load. The presentation includes photos, drawings, and animations.



Record North

Designing OHV Trails for Sustainability and User Experience

Geoff Chain, National Off-Highway Vehicle Conservation Coalition (NOHVCC)

Many people who recreate in the great outdoors utilize trails to enhance their experience, and they especially enjoy a great trail. A great OHV trail offers an outstanding recreation experience and an invigorating WOW feeling. A multitude of physical, subliminal, and emotional elements can trigger that WOW feeling. How can it be created? This session will cover topics including the design, planning, management, and maintenance of a great OHV trail.



Arvest Bank

Pumptrack design essentials

Jérôme Pelland and Samael Piché, Sentiers Boréals (PTBA Member)

Learn about pumptrack design essentials to create a successful track. The session will explain various surface types, foundation and drainage considerations, planning and design abstracts and the math to make it work.



Meteor Guitar Gallery

Technology and Trails - Using Drones for Trail Planning and Design

Jon Altschuld, Chinook Landscape Architecture, LLC; Tony Boone, Tony Boone Trails

Chinook and Tony Boone Trails have completed several projects using drones to maximize efficiency and available data. This presentation will focus on the types of data drones can collect, and how they can be used on trail projects. In large part, this presentation will highlight the processes Chinook and Tony Boone Trails have developed to integrate drones at multiple stages of a projects ranging from pre-design, to design, to construction. We will discuss geolocated pictures and videos, GPS tracked flight logs for preliminary trail alignments, 3D site data collection, bringing data into GIS, and creating 3D models of proposed designs within the collected site data.



Compton Gardents

THURSDAY, MARCH 19

8:00 - 9:30 am

Southern Farewell Breakfast
Sponsored by Tri-State Company

The Record South

9:45 - 11:00 am

Concurrent Session H

11:15 am - 12:30 pm

Concurrent Session I

9:45 am - 12:30 PM

Trail Tour of the Slaughter Pen
(Pre-registration required, bikes not provided)

SESSION H: 9:45 - 11:00 am

Promoting Sustainable Trails in Patagonia

Jedediah Talbot, OBP Trailworks, LLC (PTBA Member); Willie Bittner, Great Lakes Trailbuilders (PTBA Member)

Patagonia is a region that represents the epitome of adventure travel. Paradoxically, few sustainably designed trail systems exist there. Since 2017, Jed Talbot has been coordinating efforts for the development of two major recreational trail systems. To date, over 100 Patagonians have been trained in the principles of sustainable trail design and construction with the assistance of over 25 trail professionals from the US. Hundreds of kilometers of trail are being built along with the infrastructure needed to promote responsible public use. Jed and Willie will share some of the highlights and lessons learned from these ambitious and inspiring projects.



Record North

Backcountry Trailbuilding Machine Repair

Jon Underwood, Happy Trails, Inc (PTBA Member)

This technical session will provide tips and tricks for repairing different types of trailbuilding machines in the backcountry.



Arvest Bank

Improving Trail Safety using GIS and USNG ELM Markers

John Purcell, Cobb County Parks; Joey Heairlston, Cobb County Parks; Dave Ablashi, Cobb County Police

With over 150 miles of trails and thousands of visitors every month in Cobb County, we needed a standard system of trail addressing to improve emergency response. We are implementing a marker system using the US National Grid (USNG) Emergency Location markers (ELMs) standard. This project involves the installation of over 1000 markers throughout the County, and each location is added to our GIS system and CAD Dispatch, as an address point. This is improving response time to locate someone.



Meteor Guitar Gallery

Building (Or creating) a Mountain Bike Destination (or Town): A Holistic Approach to Planning & Design

Nathan (Woody) Woodruff & Jason Stouder, Progressive Trail Design (PTBA Member); Ryan Hale, Laneshift

At 30,000' you can see the whole picture, you can connect the dots. This is a deep dive into the importance of proper planning and design. A discussion on how to layout a strategy plan for developing progressive bike parks and trails systems and connecting them in a way that optimizes user experience and creates the biggest social and economic impact to your community. Speakers will share a new holistic perspective that goes beyond the trail and into the clouds...



The Hub

THURSDAY, MARCH 19

SESSION I: 11:15 am - 12:30 pm

Bridges 103

Charlie Dundas, Tri-State Company, PTBA Member

Case studies of the construction of four differing trail bridge designs, detailing the the thought behind the selection of the type of bridge, the process, material, and critical path of construction. Also included are display of the elements of construction control used by Tri-State Company, Inc. [Nikon Total Station EDM, Trimble Recon Construction Computer, and Nikon Auto level as well as older style of transit levels and measuring tools]. This presentation will focus on the following types of bridges: Cable suspension, glu-lam beam, prefabricated steel, and curvilinear screw-lam bridges.



Record North

Basic Soil Mechanics for Trail Builders

Alex Man, Scatcliff+Miller+Murray

Soil types vary widely all over the world - and even on a single trail! Understanding the physical characteristics of soil and having the ability to categorize soil is VERY important to successful trailbuilding. This session will provide trailbuilders with applicable knowledge of soil including soil description, grain size distribution and its measurement, clay plasticity, and compaction curves and the importance of water.



Arvest Bank

Trails: The Foundation of Outdoor Recreation Impact

Greg Mazu, Singletrack Trails/Tools for Trails

Trails and the outdoor recreation are intricately linked. According to the Outdoor Industry Association, outdoor recreation is an economic powerhouse in the United States, each year generating \$887 billion in consumer spending and 7.6 million jobs. Join this discussion on where trails fit in - and how the economics of trails can have a huge impact nationally, regionally, and especially locally.



Meteor Guitar Gallery

Arkansas Trailbuilders Forum

Phil Penny, Rogue Trails; Aaron Rogers, Rock Solid Trails; Erin Rushing, NWA Trailblazers; Jason Stouder, Progressive Trail Design; Gary Vernon, Walton Family Foundation; Nathan (Woody) Woodruff, Progressive Trail Design

Join this facilitated Q&A so that you can ask local trailbuilders about the trails that you were able to explore while in Bentonville. Whether you want to know about a specific feature, design and construction process, planning, funding, or what's next - local trailbuilders are ready to answer your questions!



The Hub