

WELCOME



2024
CONTINENTAL
CONFERENCE
CHARLOTTE, NC



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Welcome Letter



Dear Conference Attendees,

It is with great pleasure that we welcome you to the 2024 NAYGN Continental Conference in Charlotte, North Carolina, where innovation, collaboration, and knowledge converge for an enriching experience. We are excited you are joining us to celebrate 25 years of NAYGN Energizing the Future of Nuclear, and we are honored to include you in our gathering of nuclear enthusiasts and professionals.

We hope you find inspiration and meaningful connections that contribute to your personal and professional growth as we embark on days filled with insightful sessions, engaging discussions, and valuable networking opportunities.

Our conference is not only a platform for sharing expertise but also a celebration of the collective passion that drives forward the nuclear industry. Together, we will explore new horizons, challenge assumptions, and forge connections that extend beyond these eventful conference days.

Please take a moment to explore this welcome packet, which has been thoughtfully curated to enhance your experience. From the comprehensive agenda to local attractions and practical information, it is designed to ensure that your stay in Charlotte is both productive and enjoyable.

Thank you for being an essential part of the 2024 NAYGN Continental Conference. We look forward to witnessing the exchange of ideas, fostering new collaborations, and creating lasting memories together.

Here's to a successful and inspiring 2nd annual conference together!

Warm Regards,
Your NAYGN Conference Planning Committee

Conference Agenda

We're glad you're joining us at our second stand-alone NAYGN Continental Conference starting Sunday, June 2, 2024, and concluding Wednesday, June 5, 2024, in beautiful Charlotte, North Carolina. This year's conference is celebrating 25 Years of NAYGN Energizing the Future of Nuclear! The morning plenaries will be held at the Knight Theater, and afternoon breakout sessions will be held across the street at the Mint Museum Uptown.

NAYGN will kick off the conference with an opportunity for attendees to participate in a outreach event at the U.S. National Whitewater Center. Attendees will then have the opportunity to sit in on sessions discussing the future of nuclear and ways to think innovatively about the future of clean energy. Technical sessions including new advanced reactors, artificial intelligence, nuclear medicine, global nuclear perspectives, and much more will be provided. Breakout sessions will cover methods to enhance your professional development career, how to be a successful leader for your local NAYGN chapter and region, championing Diversity, Equity, & Inclusion (DE&I) within the nuclear sector, and speed networking.

Concluding the conference, attendees will have the opportunity to visit one of two Duke Energy nuclear stations, McGuire Nuclear Station or Catawba Nuclear Station, or Electric Power Research Institute (EPRI) Charlotte labs on Wednesday, June 5, 2024. Transportation will be provided for each tour, with buses departing directly from Uptown Charlotte. Tours are complimentary and are provided by Duke Energy and EPRI. Make sure you have your spot reserved if you've not already!

An exhibit hall including NAYGN's sponsors, industry partners, and nuclear advocates will be available for attendees to enjoy between sessions, breaks, and lunch. At the end of each day, a networking event will be held to allow members to network with other conference attendees, industry members, and NAYGN board members.

A Conference App will be available for conference attendees. Please be on the lookout for download instructions in Spring 2024.



Schedule of Events

Date	Time	Type	Session Title
Sunday 6/2	12:00PM - 5:00PM	Registration	
	3:00PM - 10:00PM	Public Information Event	Volunteers at U.S. National Whitewater Center
		Networking Event #1	U.S. National Whitewater Center

Date	Time	Type	Session Title
Monday 6/3	7:00AM - 8:30AM	Registration	
	9:00AM - 9:15AM	Welcome Message	
	9:15AM - 10:15AM	Plenary #1	Energizing the Future of Nuclear
	10:30AM - 11:30AM	Plenary #2	Optimizing Nuclear through Artificial Intelligence
	11:45AM - 12:00PM	NAYGN Photo	
	12:15PM - 1:30PM	Lunch	
	1:30PM - 2:30PM	Breakout Session #1	Technical: The Puzzle of Power: Building a Diverse Energy Grid
			Professional Development: Build Your Nuclear Network
	2:45PM - 3:45PM	Breakout Session #2	Technical: Radiating Excellence: Exploring Innovations in Nuclear Isotopes and Applications
			Diversity, Equity, & Inclusion: Allyship in Action
			NAYGN: NAYGN Local Chapter Lead Symposium: Become the Lifeblood of Your Chapter
	4:00PM - 5:00PM	Breakout Session #3	Technical: Fueling the Future: How Accident Tolerant Fuel can take us Beyond 5% Enrichment
			Professional Development: Cultivating Self-Leadership: Transforming the World & Workplace
			NAYGN: NAYGN Regional Breakout
	5:00PM - 5:05PM	Concluding Message	
5:30PM - 7:00PM	Company Dinner (Optional)		
6:00PM - 10:00PM	Networking Event #2	Charlotte City Club	

Date	Time	Type	Session Title
Tuesday 6/4	9:00AM - 9:15AM	Welcome Message	
	9:15AM - 10:15AM	Plenary #3	Advanced Reactors: Powering the Next Generation and Beyond
	10:30AM - 11:30AM	Plenary #4	Leading from Your Culture and Values
	11:30AM - 12:00PM	Mid-Session Message & Awards	
	12:00PM - 1:15PM	Lunch	
	1:15PM - 2:15PM	Breakout Session #4	Technical: The Fast and the Fissile: Racing Furiously Towards Clean Energy with the ARC-100 Fast Reactor
			Professional Development: Focusing Your Energy: Effective Communication Strategies for Productive Conversations
	2:30PM - 3:30PM	Breakout Session #5	Diversity, Equity, & Inclusion: Stories of Self: Honoring the Past to Inform the Future
			Technical: Going Global: Global Perspectives of the Nuclear Industry
			Professional Development: Energize Your Career: Protecting Your Personal and Professional Energy
4:00PM - 5:00PM	Plenary #5	Binding Energy: How NAYGN Energizes the Future of the Nuclear	
5:00PM - 5:15PM	Concluding Message		
6:00PM - 10:00PM	Networking Event #3	Slate Charlotte	

Date	Time	Type	Session Title
Wednesday 6/5	8:00AM - 2:00PM	Tour #1	Duke Energy - McGuire Nuclear Station
	8:00AM - 2:00PM	Tour #2	Duke Energy - Catawba Nuclear Station
	9:00AM - 11:30AM	Tour #3	Electric Power Research Institute (EPRI)

[Click Here for Detailed Schedule Information](#)

UNLOCK YOUR PREFERRED SESSIONS

A Guide to Securing Your Spot

We invite you to customize your event experience by selecting your preferred sessions on the Event Page - Agenda tab after purchasing your registration ticket. Please see your confirmation email for more details. Kindly choose only (1) breakout session per time slot.

Keep in mind that certain sessions have limited spots, and are available on a first-come, first-serve basis, so it's best to secure your spot early. Your proactive self-registration ensures a smoother process, as we are unable to guarantee spots or make adjustments for those who do not self-register.

2024 Continental Conference - Energizing the Future of Nuclear

Sun, Jun 2 - Wed, Jun 5
12:00 PM - 2:00 PM (EST)
\$100 - \$900

Buy Tickets
Already registered? [Sign In](#)

About **Agenda**

All Sessions (28)

Sessions

Search Show past sessions

Sunday 2 Jun 12:00 PM (EST)

Registration [Bookmark](#)

12:00 PM - 5:00 PM
Breakout Session 300 Minutes
Mint Museum - Silverman Grand Room (5th Floor)

Sunday 2 Jun 3:00 PM (EST)

Public Information & Networking Event [Bookmark](#)

3:00 PM - 10:00 PM
Networking 420 Minutes

Conference Venues

Knight Theater

AM Plenary Sessions

430 S Tryon St
Charlotte, NC 28202

At the Knight Theater, the stage is set for a world-class experience. This premier destination, in the heart of Uptown Charlotte, showcases a diverse array of performances throughout the year. With its state-of-the-art facilities and intimate atmosphere, the Knight Theater invites you to experience the magic of entertainment in a setting that exudes sophistication.



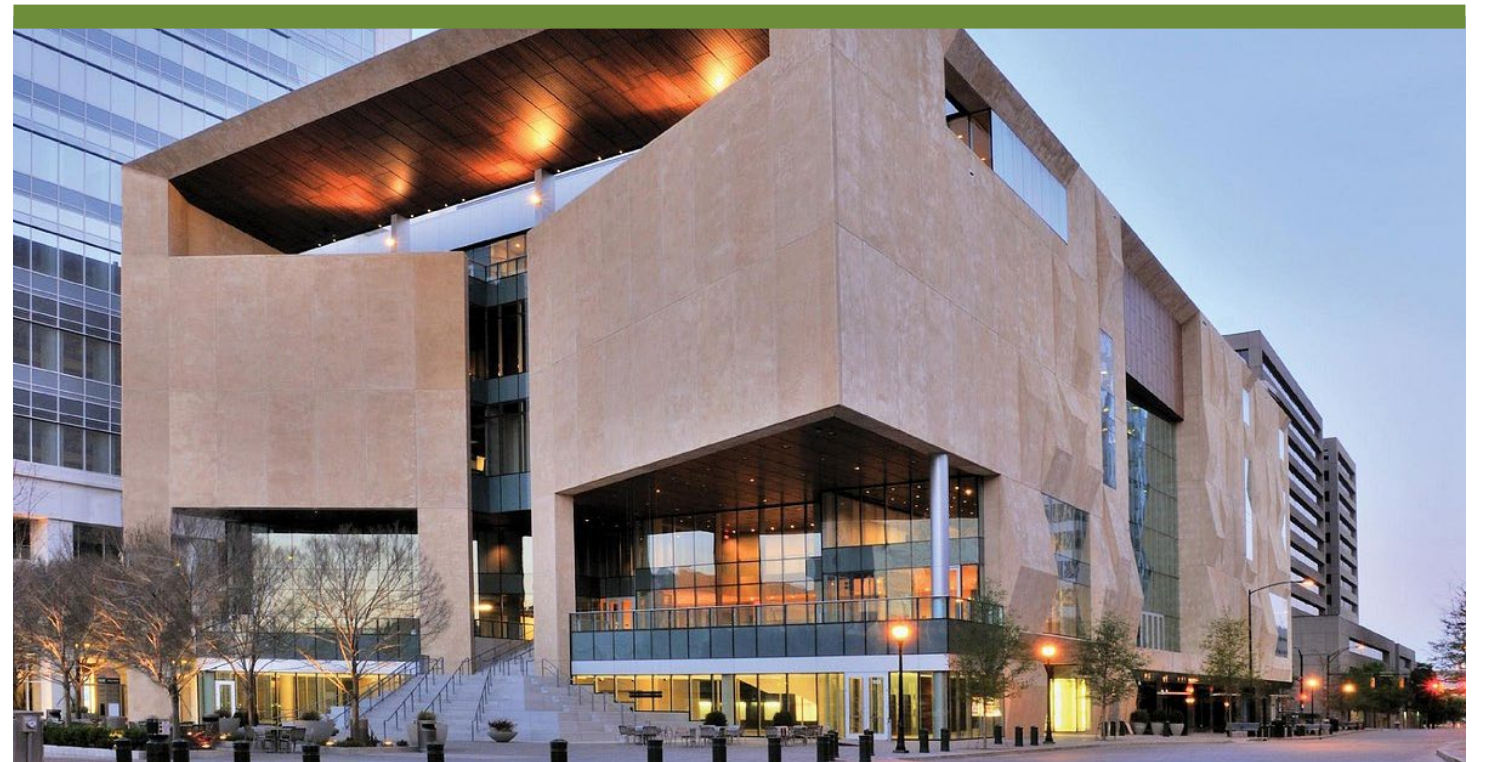
blumenthalarts.org

Mint Museum (Uptown)

Lunch and PM Breakout Sessions

500 S Tryon St
Charlotte, NC 28202

The Mint Museum is a cultural gem of uptown. Situated in the heart of the city, this premier art institution is a captivating blend of history and contemporary creativity. Explore an extensive collection spanning American, European, and contemporary art housed in a striking modern building. Immerse yourself in the rich tapestry of creativity that defines Charlotte's artistic landscape and let the Mint Museum Uptown be your gateway to a world of artistic discovery.



mintmuseum.org

Networking Event Venues

U.S. National Whitewater Center

5000 Whitewater Center Pkwy
Charlotte, NC 28214

The U.S. National Whitewater Center (USNWC) is an adrenaline-filled paradise nestled along the Catawba River. USNWC will kickoff the conference on Sunday with an optional volunteer outreach event followed by our networking concert event. We encourage those who arrive in Charlotte early to spend the day at USNWC whitewater rafting, mountain biking, hiking, rock climbing, and zip lining. Note that activity passes require additional fees and are not included in registration. Transportation from Uptown Charlotte will be provided for the evening networking event.

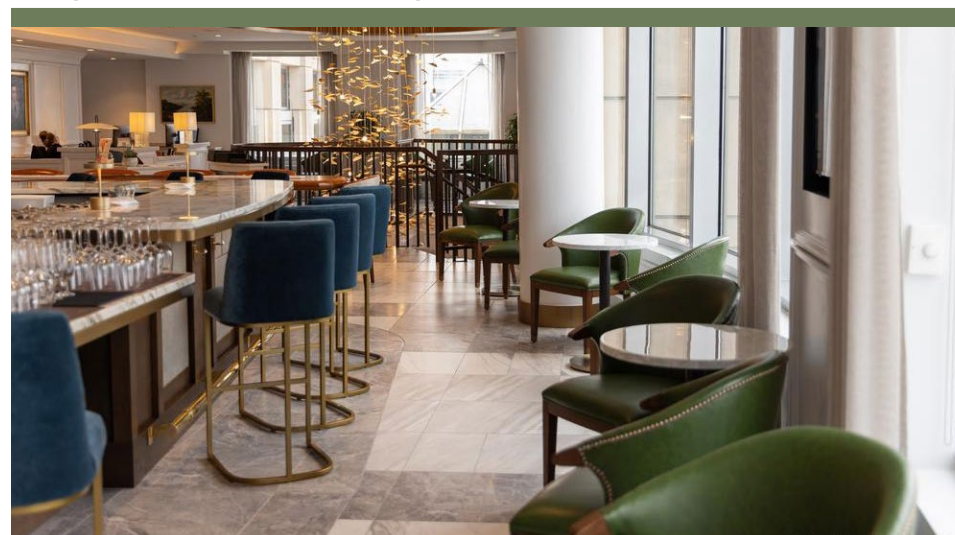


whitewater.org

Charlotte City Club

121 W Trade St #3200
Charlotte, NC 28202

The Charlotte City Club, perched high above the streets of the city, stands as a distinguished haven in the midst of bustling Uptown. Offering a blend of refined elegance and modern amenities, the exclusive members only club invites visitors to experience breathtaking views, an unparalleled social atmosphere, exquisite dining, and unforgettable networking. Founded in 1947, the club attracts some of Charlotte's most interesting and successful people. The club is centrally located in Uptown and is only a short walk from the conference venue and hotels. The dress code is reflective of a private club (Business casual; jackets/ties are not required. Collared shirts are preferred for men. T-shirts, ripped denim, athleisure, shorts, flip flops, and hats are not permitted).

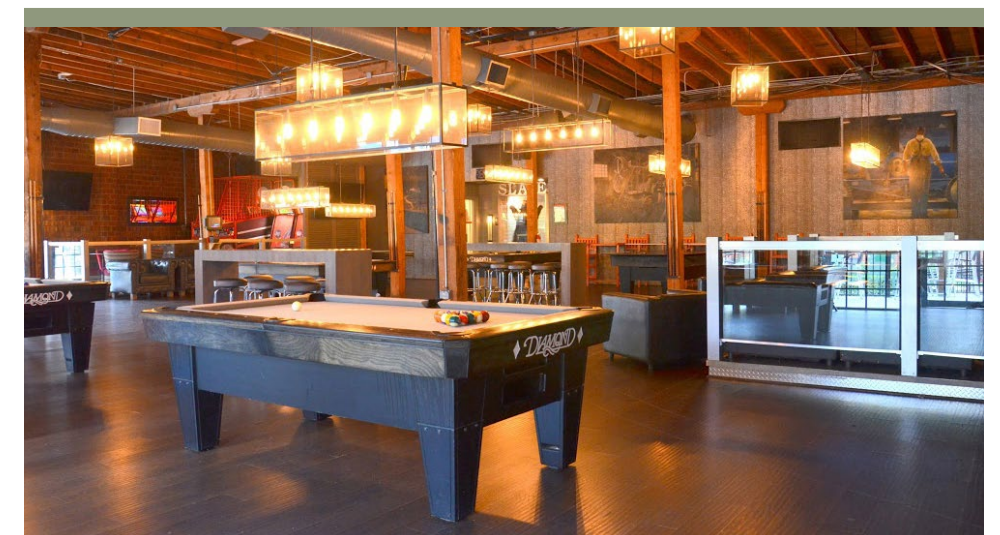


charlottecityclub.com

Slate Charlotte

200 E Bland St
Charlotte, NC 28203

Explore Charlotte's vibrant South End district and discover Slate Charlotte, a dynamic fusion of a pool hall and bar-style restaurant. Immerse yourself in its casual and inviting atmosphere, where the expansive open space beckons you to indulge in American pub grub while enjoying an array of engaging bar games. South End is located at the edge of Uptown and is revered by young professionals for its vibrant and dynamic atmosphere. Slate is less than a mile south of the conference venue and is directly along the Rail Trail for those who wish to walk. The LYNX Blue Line connects Uptown and South End for those who prefer to ride, with stops conveniently located near the conference venue and hotels.



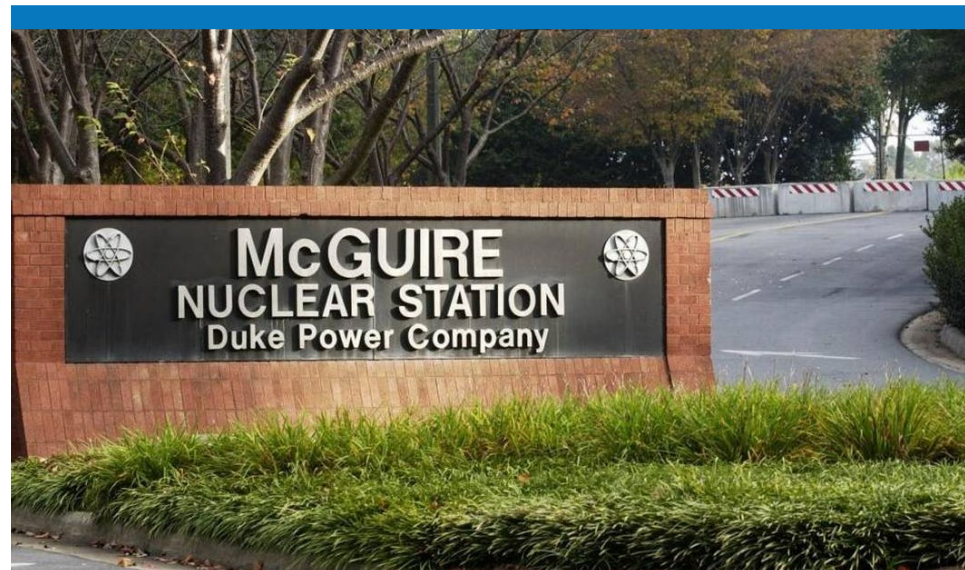
slatect.com

Tours

McGuire Nuclear Station

13225 McGuire Nuclear Station Rd
Huntersville, NC 28078

Innovation meets energy at McGuire Nuclear Station. Nestled on the shores of Lake Norman, in Huntersville, North Carolina, this state-of-the-art facility plays a vital role in powering the Queen City and its surrounding areas. McGuire Nuclear Station, operated by Duke Energy, harnesses the incredible potential of nuclear energy to provide a reliable and sustainable power source.



Catawba Nuclear Station

4800 Concord Rd
York, SC 29745

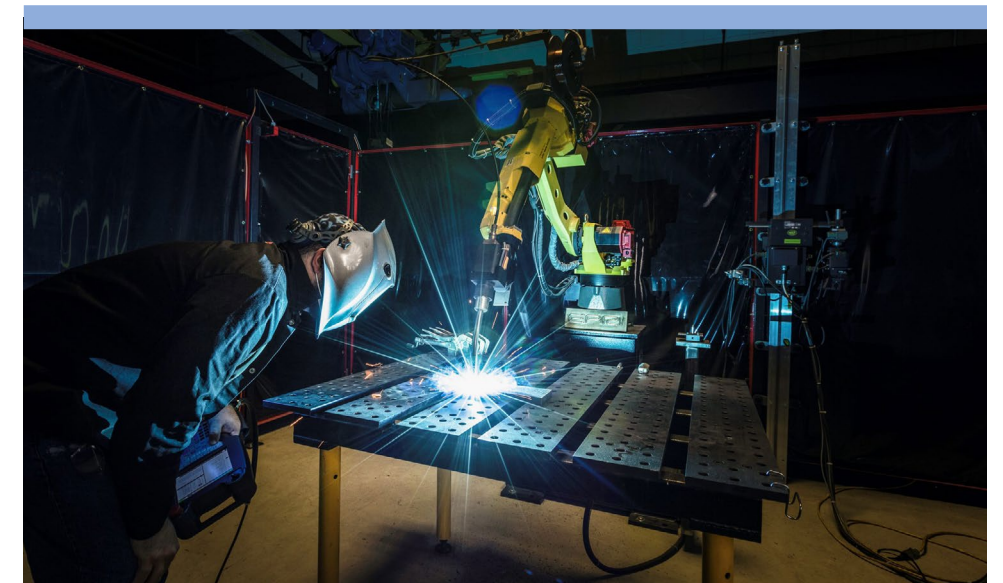
Situated on the picturesque shores of Lake Wylie, this cutting-edge facility is a cornerstone of the region's power infrastructure. Operated by Duke Energy, Catawba Nuclear Station harnesses the clean and efficient energy of nuclear power to meet the city's growing needs.



Electric Power Research Institute

1300 W W.T.Harris Blvd
Charlotte, NC 28262

Founded in Palo Alto, in 1972, Electric Power Research Institute (EPRI) is a non-profit energy research, development, and deployment organization, with three specialized labs and an employee presence in more than a dozen countries. EPRI's trusted experts collaborate with companies in 45 countries, driving innovation to ensure the public has clean, safe, reliable, affordable, and equitable access to electricity across the globe.



Please note: These tours are by necessity limited in size. Registration will be on a first come, first serve basis. Transportation will be provided.



Registration is Open!

Tickets for the conference can be purchased [HERE](#).

*\$700** Regular Registration (Until April 12, 2024)

*\$900** Late Registration (Until May 3, 2024)

\$100-\$150 Guest Networking Event Ticket**

*Price includes lunch following plenary sessions on Monday and Tuesday.

**Guest networking event tickets may be purchased for non-conference attendees (e.g., spouses, partners, friends) who are interested in attending our network event. All guests must be accompanied by a conference attendee.

Badge pickup will be available at the conference registration desk from 12:00 – 5:00 PM on Sunday, June 2nd, at the Mint Museum (Uptown).

A wide-angle photograph of the Charlotte skyline at sunset. The sky is a vibrant orange and yellow, with soft clouds. The city's skyscrapers are silhouetted against the bright light, with some windows reflecting the sun. The buildings vary in height and architectural style, creating a dense urban landscape.

Welcome to Charlotte!

Discover the vibrant pulse of Uptown Charlotte, the dynamic heart of the Queen City! Nestled amid towering skyscrapers, the bustling urban center is a hub of culture, commerce, and entertainment. Immerse yourself in the lively atmosphere as you stroll along the charming streets, lined with eclectic boutiques, upscale dining, and cultural hotspots. From the iconic Bank of America Stadium to the lively intersection of Trade and Tryon Street, Uptown Charlotte offers a blend of modern sophistication and Southern charm. Embrace the energy of this thriving city center, where business and pleasure seamlessly converge. Discover the NASCAR Hall of Fame for a thrilling dose of racing history or take a leisurely stroll through the scenic Romare Bearden Park. Charlotte boasts a thriving craft brewery scene that will complement any culinary adventure. While you're here, don't miss the breathtaking skyline from one of the city's many rooftop views.

Click Below to Discover More of Charlotte!

Things to Do | Dining | Events

Accommodation Information

Two hotel room blocks have been reserved for NAYGN members within walking distance of the conference venues at The Hyatt Place Charlotte Downtown and The Courtyard Charlotte City Center.

THE HYATT PLACE CHARLOTTE DOWNTOWN

222 South Caldwell Street
Charlotte, NC 28202

Room Rate: \$169/per night (Breakfast Included)

Distance to Venues: 0.4 Miles

You can reserve your room [HERE](#) or by calling the Hyatt Central Reservations at (800) 993-4751 and providing the group code (G-NAYG). To receive the special discounted group rate reservations must be made before May 2, 2024.

THE COURTYARD CHARLOTTE CITY CENTER

237 South Tryon Street
Charlotte, NC 28202

Room Rate: \$189/per night

Distance to Venues: 0.2 Miles

You can reserve your room [HERE](#). To receive the special discounted group rate reservations must be made before May 2, 2024.

Room blocks are limited, so it's best to secure your reservation early. If you are planning to stay additional days before Sunday and/or after Wednesday, you will need to complete a separate hotel reservation.

Charlotte Transportation



Charlotte Douglas International Airport

Airport Code: CLT

Distance to Uptown: 0.8 Miles

Coming from afar? Let Charlotte Douglas International Airport (CLT) serve as your gateway to the Queen City. CLT is the sixth busiest airport in the United States and as a bustling hub, it is served by many major airlines connecting travels to destinations near and far. Renowned for its Southern hospitality and signature white rocking chairs, the airport offers a seamless travel experience with a range of amenities, from diverse dining options to convenient shopping.

To get to Uptown Charlotte from the Charlotte Douglas Airport, there are several transportation options. The most convenient is the Charlotte Area Transit System (CATS) Sprinter Bus 5 Airport Connector, which provides a direct route from the airport to Uptown approximately every 30 minutes. Additionally, taxis, rideshare services, and rental cars are readily available at the airport. Rideshare and taxi fares can vary but a fare from CLT to Uptown Charlotte typically costs \$25-\$40.

To enjoy the networking and public information activity at the U.S. Whitewater Center, we suggest arriving early on Sunday. If you plan to participate in a tour on Wednesday, we suggest scheduling your flight for the evening to allow adequate time to return from the tour and travel to the airport.

HELPFUL LINKS:

[Charlotte Douglas International Airport](#)
[Airport Routes - Charlotte Area Transit System](#)

1

2

LYNX Blue Line

Charlotte's light rail system is called the LYNX Blue Line. It connects Uptown Charlotte with the southern and northern parts of the city, providing a convenient and efficient means of transportation. Trains typically run every 10-15 minutes during peak hours and every 20-30 minutes during off-peak times. The schedule may vary, so it's advisable to check the official CATS website for the most up-to-date information. The stations along the Blue Line are equipped with various amenities, including park-and-ride facilities, bike racks, and real time arrival information. Fares can be purchased at ticket vending machines located at each station or on their mobile app. Whether you're a resident or visitor, the LYNX Blue Line offers a convenient and eco-friendly way to travel into Uptown Charlotte from the surrounding area.

HELPFUL LINKS:

[Fares & Passes - Charlotte Area Transit System](#)

3

Charlotte Gold Line

Explore Charlotte's Gold Line, a charming and free streetcar service that adds a touch of historic charm to the Queen City. Linking Uptown to its trendy East and West neighborhoods, this vintage-style streetcar provides a delightful journey through the heart of the city.

HELPFUL LINKS:

[CityLYNX Gold Line - Charlotte Area Transit System](#)



Weather

In June, Charlotte, North Carolina, welcomes you with early summer warmth and a touch of Southern sunshine. Anticipate daytime temperatures ranging from the mid-70s to mid-80s Fahrenheit (24-30°C). While the days are pleasantly warm, evenings can be cooler, so we recommend bringing a light jacket or sweater. Spring in the South can also bring afternoon rain so make sure you check the weather before heading out in the morning.



Safety

Whether attending sessions or exploring the city, your safety matters. As you explore the urban landscape, please stay aware of your surroundings, utilize well-lit areas, and be cautious with personal belongings. For your safety and convenience, we encourage all conference attendees to use designated crosswalks when navigating Uptown Charlotte's vibrant surroundings. Please be mindful of pedestrian rules to ensure a smooth journey between conference venues, hotels, and nearby attractions.

Ensuring a safe and secure conference environment is our top priority. All attendees are requested to wear their conference badges throughout the event. This measure not only facilitates networking but also helps us maintain a secure atmosphere. Your cooperation in wearing your badge is appreciated for the benefit of everyone.

Your well-being is our priority, and we are wishing you a healthy and enjoyable conference experience. In the unlikely event of a medical emergency, the following nearby hospitals are open 24/7:

■ ATRIUM HEALTH MERCY

2001 Vail Ave
Charlotte, NC 28207

■ CAROLINAS MEDICAL CENTER

1000 Blythe Blvd
Charlotte, NC 28203

■ NOVANT HEALTH PRESBYTERIAN MEDICAL CENTER

200 Hawthorne Ln
Charlotte, NC 28204

Frequently Asked Questions



THANK YOU

