

IRPA 16

International Radiation Protection Association

16th International Congress

“Harmonization of Radiation Protection Principles”



July 7-12, 2024

Orlando, Florida USA • Rosen Shingle Creek

WELCOME

IRPA 2024 Task Force Members

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The Health Physics Society (HPS) is proud to welcome IRPA delegates and radiation safety professionals from around the world to the 16th International Congress in Orlando, Florida. Joining us in welcoming IRPA to North America are the Canadian Radiation Protection Association and Sociedad Mexicana de Seguridad Radiológica. This will be the first time in 51 years that the International Congress has been held in the United States and the first time since 1992 that it has been held in North America.

Formed in 1956, the HPS is the United States of America's scientific organization of professionals who specialize in radiation safety. Its mission is to support its members in the practice of their profession and to promote excellence in the science and practice of radiation safety.

Today the HPS's nearly 3,500 members represent all scientific and technical areas related to radiation safety, including academia, government, medicine, research and development, analytical services, consulting, and industry in all 50 states and the District of Columbia. The Society is chartered in the United States as an independent nonprofit scientific organization and, as such, is not affiliated with any government or industrial organization or private entity.

Efforts to obtain the honor of hosting the 16th IRPA International Congress began shortly after the HPS Annual Meeting in July of 2013. With an exceptional balance of accessibility, availability and affordability, Orlando, Florida, was a logical choice. The Rosen Shingle Creek Hotel has been chosen as the host hotel and convention site. It is a perfect mix of first class accommodations with quick access to all Orlando attractions, shopping and restaurants while still being reasonably priced. The Orlando International Airport (MCO) currently offers 37 different airlines providing nonstop services from 82 domestic and 34 international cities.

The Task Force that has been created to obtain this bid has worked tirelessly to make sure you have the best experience possible while visiting Orlando in 2024.

On behalf of all of the Task Force members, welcome to Orlando and may you have a wonderful meeting and enjoy the many attractions that Orlando and the surrounding area has to offer.

Kevin Nelson, Ph.D., CHP

Chair, IRPA 2024 Task Force

HPS President Emeritus

Visit Orlando

Welcome to Orlando! Attendee Guide

In the past few years, Orlando has been ranked as the number one destination for family vacationers by *USA Today's* Tripology, and tops the list of affordable destinations by Priceline. *The New York Times* named Orlando one of its most popular places to go in 2015.

As the travel and tourism capital of the United States, the Orlando tourism industry continues to evolve the destination and excite visitors. And, with seven of the top 10 theme parks in the world, attendees can be assured to have some fun before or after the meeting.



With temperate year-round weather, affordable domestic and international flights and a host of accommodations that fit every budget, Orlando simply is one of the best places for a meeting. And, with one out of three jobs in the tourist industry here, hospitality is in our DNA- that's why our service has become world renowned. We know how to make attendees feel welcome and offer an experience remembered long after the meeting ends.

If you've never been here, you're in for a treat. Been here before? You just might not recognize it. From Orlando International Airport's improvement plan that will nearly double its capacity, to new hotels, hotel renovations and new dining and entertainment districts, there is more to see and do than ever before. Our meeting attendees appreciate all the activity in such close proximity to major hotels. And while we're known for our theme parks and other major attractions, there is so much more here in Orlando. Once the meeting has adjourned, whether you're looking for a quick getaway between business sessions or an all-day excursion, Orlando offers something for every schedule and every interest. Golf, shopping, superb restaurants, destination spas and museums await. And, with a bit of planning, maybe a show at the brand new Phillips Center for the Performing Arts or an Orlando Magic basketball game at the Amway Center?

For groups, there are plenty of activities right on International Drive (I-Drive); take a spin on the Orlando Eye observation wheel, test your driving skills on a high performance go-kart or relax and bowl a few games. There are also countless fine-dining options on I-Drive as well as a short distance away in one of our other dining districts. Orlando is fast becoming a haven for foodies, home to numerous celebrity chefs at area hotels and entertainment complexes, with so many diverse menus that you'll want to try them all.

For golfers, there is an abundance of golf courses designed by the greats like Palmer and Nicklaus and the Tom Fazio-designed Tranquilo Golf Course at the new Four Seasons Resort Orlando at *Walt Disney World*® Resort. We also have 19 destination spas – a perfect place to get pampered after the meeting.

Getting Here

Planes

Orlando International Airport (MCO)

The Orlando International Airport (MCO) serves more than 35 million passengers annually with nonstop service from more than 100 domestic and international cities. It's affordable too. Orlando airfares are among the lowest of the 50 largest U.S. airports.

Orlando Sanford International Airport (SFB)

Orlando Sanford International Airport is located within 18 miles of Orlando city limits and approximately 45 minutes from area attractions. This bustling facility served more than 3.3 million domestic and international passengers in 2019, and may be an excellent arrival option for many participants.

Trains

Amtrak

Amtrak offers service from many locations into the Orlando area. To view the routes, go to www.amtrak.com/routes.html. Auto train service is available into the Orlando train station. Check www.amtrak.com for complete details.

SunRail

SunRail is the commuter rail system serving the greater Orlando area. The system currently operates over 49 miles with 16 stations through Volusia, Seminole, Orange and Osceola counties. Attendees can do a bit of sightseeing on this line, from downtown Orlando, near famed Church St. with restaurants and clubs to Park Ave in Winter Park, just north of downtown to high end shops, award winning restaurants and museums.

Automobiles

Several major highways offer easy access, including:

- Interstate 4 (I-4), connecting the Interstates 95 to the east and 75 to the west.
- State Road 528, or the Beachline Expressway, connecting Orlando to the Orlando International Airport, East Coast Beeches and Kennedy Space Center Visitor Complexes. Toll fees apply.
- State Road 417, or the GreenWay, is a north-south beltway around the city. Toll fees apply.
- State Road 408, or the East-West Expressway, runs through downtown Orlando and extends from the Florida Turnpike to the west, to State Road 50 (Colonial Drive) to the east. Toll fees apply.
- The Florida Turnpike provides a direct route from Interstate 75 across Central Florida, and continues to Miami. Toll fees apply.

Drive Electric Orlando

Drive Electric Orlando is a partnership between Orlando rental car agencies, hotels and tourist attractions, designed to offer vacationers and business travelers an exciting and convenient opportunity to use an eco-friendly car during their trip.
www.driveelectricorlando.com

Dining, Entertainment and Nightlife

The DISTRICTS

Six dining, entertainment and nightlife districts are located in the Orlando area. Each district has its own personality

Convention Area District

The Convention Center Area on International Drive is the heart of the tourism area. Numerous options for dining such as the Pointe Orlando dining, shopping and entertainment complex; and I-Drive 360, a series of shops, restaurants and The Orlando Eye, the 122-meter tall observation wheel built by the same company as the London Eye.

Restaurant Row District

On Sand Lake Road, near International Drive (I-Drive), “Restaurant Row” has nearly 30 restaurants within a mile long stretch, including Eddie V’s Prime Seafood,

the lively Rocco’s Tacos, Dragonfly-Roberta Grill & Sushi, Flemings Prime Steakhouse & Wine Bar, Roy’s Restaurant. Many bars have bands to dance to on most weekends.

Disney/Lake Buena Vista

This district contains the *Walt Disney World*® Resort- all of its theme parks and two water parks – as well as *Downtown Disney*® Area and high-end hotels and resorts. Restaurants abound, from Todd English’s bluezoo at the Walt Disney Swan & Dolphin to The Dining Room at Wolfgang Puck® Grand Cafe. And soon, Iron Chef American star Chef Masaharu Morimoto will be opening a pan-Asian restaurant at the Disney Springs Complex. There’s also House of Blues for live music and *Disney*® *Drawn to Life* by *Cirque du Soleil*® for a bit of entertainment.



Dining, Entertainment and Nightlife



Universal CityWalk

Universal Orlando® Resort's theme parks and hotels, as well as the Universal CityWalk® entertainment complex reside in this district. For live entertainment there's the Blue Man Group at Universal Orlando and Hard Rock Cafe & Live Orlando for live music. Try the New Orleans-inspired specialties of celebrity chef Emeril Lagasse, or enjoy a meal at the world's largest Hard Rock Cafe®. Visit the Bob Marley-A Tribute to Freedom™ for Jamaican fare or check out NBA City voted 'Best Theme Restaurant in Orlando' by the *Orlando Sentinel*.

Downtown Orlando

Downtown is home to Orlando's Orange County Regional History Center, bars like World of Beer and some pretty impressive restaurants. Artisans Table opened recently with a menu that changes daily; and Txokos Kitchen in the East End Market, just north of downtown, has a seasonally driven, basque-inspired menu by Chef Henry Salgado. Other top restaurants

include Kres Chophouse, farm-to-table-style The Rusty Spoon, and Ceviche Tapas Bar & Restaurant, which has the added bonus of Flamenco dancers on weekend nights. One of the newest restaurants, near Lake Eola, is Soco restaurant, which features Southern Contemporary Cuisine. After dinner, try one of the many speakeasies downtown.

Winter Park District

Just north of the downtown area, the historic WinterPark area was founded as a resort community in the late 19th and early 20th centuries. Its main street includes civic buildings, retail shops, art galleries, Rollins College, museums, a park, a train station, a golf course country club, a historic cemetery, and a beach and boat launch. Upscale shops and award-winning restaurants fill Park Avenue, a great place to stroll and people watch. An array of cuisines are represented here: Turkish, French, Thai, burgers; and the newest, Boca, uses local ingredients – so local, the lettuce is picked from their growing wall.

Arts & Culture

Orlando has rich cultural experiences that rival those of far larger cities. Attracted by an atmosphere of creativity, more than 360 arts and cultural organizations call Orlando home, giving life to museums, live theater, music, dance, art, film and more. Orlando Museum of Art features traveling exhibitions and permanent collections of American and African art. Orlando Science Center, located close to downtown Orlando in the 45-acre Loch Haven Park near the Orlando Museum of Art, provides family fun with four floors of exciting exhibits, amazing giant-screen movies and engaging live programming. And Orange County Regional History Center, an affiliate of the Smithsonian Institution, explores 12,000 years of the area's rich history with interactive exhibits, artifacts, archives and special shows.

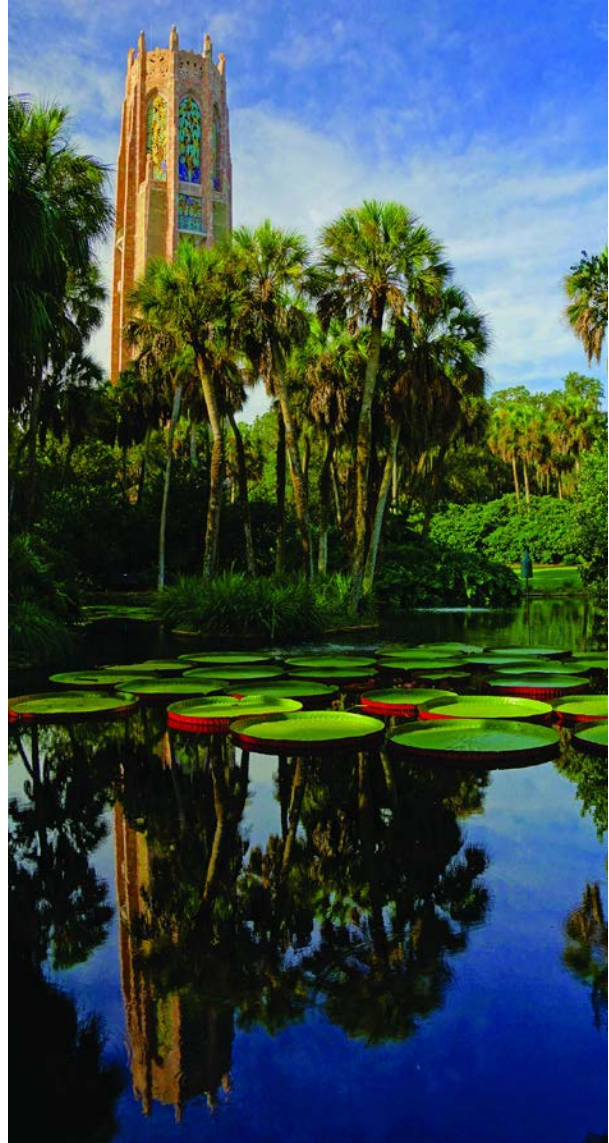
In addition, the opulent Phillips Center for the Performing Arts opened in downtown Orlando in November 2014. It has showcased some of the best international, national and local artists, including Broadway, ballet, the Orlando Philharmonic Orchestra, jazz, rock, pop, dance and more. The Phillips Center of Arts & Wellness offers innovative arts education and wellness classes and programs engaging everyone from 3 to 103.

Orlando Science Center

In downtown Orlando, offers an observatory, giant screen and 3-D theaters and hundreds of hands-on exhibits on four floors, which offer opportunities to explore, experiment and discover.

The Orlando Museum of Art

Founded in 1924, the Orlando Museum of Art, north of downtown, is a favorite meeting and event site for many local, national and international businesses. Other museums that get accolades are The Charles Hosmer Morse Museum of American Art, which boasts the largest collection of Tiffany glass in the country,



and the Cornell Fine Arts Museum, located on the historic Rollins College campus in Winter Park.

Orlando also hosts an impressive calendar of cultural events and festivals each year, many of which are nationally renowned. All disciplines-performing arts, visual arts, music, film and heritage-are equally represented.

Attractions

When not attending the meeting, one thing is for sure: With seven of the world's top theme parks and more than 100 amazing attractions, there's plenty to do in Orlando.

WALT DISNEY

Theme Parks & Attractions

Magic Kingdom® Park is the most visited theme park in the world and is the quintessential Disney theme park, featuring six magical lands with attractions, restaurants and shops based on favorite Disney themes of fantasy, yesterday and tomorrow. Visit Cinderella's Castle or Space Mountain or Pirates of the Caribbean. Or perhaps get autographs from your favorite Disney characters. Or you can take a slow ride through It's a Small World, a timeless Disney treasure. So much to see, so little time :)

Disney's Epcot

Disney's Epcot is the second of four Walt Disney World theme parks. It opened in 1982 and is twice the size of the Magic Kingdom. It is dedicated to the celebration of human achievement, namely technological innovation and international culture and is often referred to as a 'permanent World's Fair'. Experience the culture and cuisine of 11 different countries represented in the World Showcase. This tends to be a popular place for adults to visit while their children are enjoying the rides or other Walt Disney World parks.

Disney's Hollywood Studios®

Disney's Hollywood Studios®, which opened in 1989, is a theme park with a complete motion picture and television studio. Feature attractions include Toy Story Mania; Lights, Motors, Action! Extreme Stunt Show. You can also take a tour of Walt Disney Animation Studios and see Disney artists creating movie cells. This park contains two of Disney's most popular rides, the Tower of Terror and Rock 'n' Roller Coaster starring Aerosmith.



Disney's Animal Kingdom

The last Disney World theme park to open was Disney's Animal Kingdom in 1998. The park is dedicated to animal conservation. Not only can you view exotic animals from around the world but experience a ride through the African savannah or an Asian rain forest. The park is known for its sculpted Tree of Life, an artificial 'tree' 44 meters tall and 15 meters wide.

Attractions

Downtown Disney®

The multiyear transformation of the Downtown Disney® Area at the Walt Disney World™ Resort to become Disney Springs is under way, with the goal to create a welcoming, comfortable space with spectacular new restaurants and unique and distinctive shops. Disney Springs will celebrate the turn-of-the-century lakeside towns that once dotted the Florida landscape with waterfront dining and entertainment.

Universal Orlando®

At Universal Orlando® Resort, you can experience the two uniquely different lands of The Wizarding World of Harry Potter™ – each located in one of Universal Orlando's two theme parks. Stroll through Diagon Alley™ at Universal Studios Florida® where you can journey deep into the vaults of Gringotts™ bank on an all-new thrill ride and visit Hogsmeade™ at Universal Islands of Adventure® and explore the classrooms and corridors of Hogwarts™ castle. Plus travel between lands and through the British countryside on the iconic The Hogwarts Express™ with a Park-to-Park admission ticket.

SeaWorld® Orlando's Antarctica

At SeaWorld® Orlando's Antarctica: Empire of the Penguin®, you can now embark on an icy adventure and get up close and personal with nearly 250 penguins in an open-air habitat with an air temperature of approximately -1°C.

John F. Kennedy Space Center

The John F. Kennedy Space Center (KSC) is the National Aeronautics and Space Administration's (NASA) Launch Operations Center which supports Launch Complex 39 (LC-39), originally built for the Saturn V, the largest and most powerful operational launch vehicle in history, for the Apollo manned Moon landing program proposed by President John F. Kennedy. It was named in honor of Kennedy by his successor, President Lyndon B. Johnson, shortly after

Kennedy's death in 1963. Since the end of the Apollo program in 1972, LC-39 has been used to launch every NASA human space flight, including Skylab (1973), the Apollo-Soyuz Test Project (1975), and the Space Shuttle program (1981-2011). KSC also has a facility which was used for landing the reusable Space Shuttle orbiters when weather permitted. At the KSC Visitor Complex you can tour the Space Shuttle Atlantis, which lets guests get close to the historic spacecraft and 'be the astronaut' with never-before-seen multimedia presentations and more than 60 interactive, touch-screen experiences and high-tech simulators.

Orlando Eye

The Orlando Eye is poised to become Orlando's newest icon. Standing at 122 meters tall, it is the largest observation wheel on the east coast of the United States. Located at the I-Drive 360 entertainment and dining complex, guests will be lifted away for 360-degree views of Central Florida. Groups will be able to reserve cabins (each seats 15) for a unique cocktail party during the 20-minute ride.

Madame Tussauds Orlando

Madame Tussauds Orlando will treat visitors to some Florida and U.S. history and a bit of fun with top celebrities. Groups will be able to reserve this venue for private events and pictures with the likes of Johnny Depp and Angelina Jolie.



Attractions



SEA LIFE Orlando Aquarium

SEA LIFE Orlando Aquarium is an underwater adventure with beautiful displays of colorful fish, sharks, jellyfish, sea horses, and more. Floor-to-ceiling displays, bubble aquariums and the first 360-degree underwater tunnels provide an immersive experience.

SKELETONS: Animals Unveiled!

SKELETONS: Animals Unveiled! is a venue that will exhibit over 400 skeletons in clever never-before-seen poses and dioramas, giving visitors a whole new respect for the animal kingdom.

Fun Spot America

Fun Spot America is a theme park that offers extreme go-kart racing and tons of thrill rides. The Orlando location features the White Lightning, Orlando's only wooden roller coaster, and Freedom Flyer, an intense steel coaster.

Blue Man Group at Universal Orlando

Blue Man Group at Universal Orlando is the widely successful live entertainment experience which has a permanent home at Universal CityWalk®. The group entertains audiences with a live stage show which takes art, technology and music to a whole new level.

La Nouba™ by Cirque du Soleil®

La Nouba™ by Cirque du Soleil®, located in Downtown Disney® West Side, is exclusive to the Walt Disney World® Resort, featuring a renowned blend of acrobatics, special effects and more than 60 international artists performing in a 1,671-person theater.

Escapology Orlando

Escapology Orlando brings a new kind of entertainment to Orlando with its first United States location. The venue challenges guests to be their own heroes in a thrilling game of adventure and mystery.

Sports & Recreation

Golf

For golfers, there are over 176 courses in Orlando, with several designed by golf legends such as Arnold Palmer, Tom Watson, Jack Nicklaus and Greg Norman. The Rosen Shingle Creek Gold Club, The Ritz-Carlton Golf Club Orlando, Grande Lakes and Marriott's Grande Pines Golf Club are all located close to the major attractions. There's also the new Rees Jones-designed, 18-hole championship golf course, shared by the Hilton Orlando Bonnet Creek and the Waldorf Astoria® Orlando. The Tranquilo Golf Club at Four Seasons has a picturesque and serene Tom Fazio-designed course featuring topography unique to central Florida with its varying elevation and wetlands.

For simulated golf, try Dewey's Indoor Golf & Sports Grill. It's a 1,115 square meter, high-end sports grill that features state-of-the-art golf simulators, more than 70 TV's including a giant 7.6-meter screen, private meeting rooms, a bar and lounge and outdoor patio.

Recreation

Forever Florida Ziplines & Adventures

At Forever Florida Ziplines & Adventures In The Wild, guests have the chance to choose their own fully-guided adventure through untamed wilderness: Coach Safari, Horseback Safari or soar over it all on Florida's first Zipline Safari. Guests who want a more relaxed view from above can experience the Cypress Canopy Cycle, a reclined bicycle, safely suspended from steel cables, while more adventurous guests might like the Rattlesnake Zipline Roller Coaster, launching riders through the treetops along a rigid zip-rail system.

Orlando Tree Trek Adventure Park

Wild and mild adventurers offer visitors a new view of the destination. For your adventurous side, check out Orlando Tree Trek Adventure Park, a 15-acre outdoor adventure park located in the Walt Disney World® Resort area. The park has six color-coded courses, two giant zip lines and 97 challenging elements.



Sports & Recreation

Wallaby Ranch Hang Gliding Flight Park

Visitors are towed to a height of 610 meters by a specially designed ultra-light tow plane to enjoy views of some of Central Florida's nature landscape.

Painted Horizons Hot Air Balloon Tours

If you're looking for something more relaxing, try Painted Horizons Hot Air Balloon Tours to experience a spectacular sunrise.

A Day at the Spa

Many of Orlando's 19 destination spas are conveniently located at convention hotels, making the temptation nearly impossible to resist. Whether seeking a traditional experience, sports recovery or even a group outing to be pampered in unison, spas provide a unique menu of services that allow

attendees to emerge for the next day's sessions, or the return flight home, energized and ready to go.

Global spa brands such as Waldorf Astoria® Spa by Guerlain, Mandara Spa® at Walt Disney World Swan and Dolphin Resort or at Loews Portofino Bay Hotel at Universal Orlando® and the Ritz-Carlton Spa, Orlando, Grande Lakes await.

Shopping

For those looking for tamer activities, the diversity and quality of shopping in Orlando is like no other destination. Proceeds from this favorite Orlando activity have launched both The Mall at Millenia and Orlando Premium Outlets® into the 10 highest sales-generating shopping locations in the U.S. for 2014, according to *Fortune* magazine.



Accommodations

ROSEN SHINGLE CREEK®



On 255 acres along Shingle Creek, the headwaters of the Everglades, rises Rosen Shingle Creek. The luxury hotel breaks above the horizon and fills the sights of anyone traveling the southern end of Universal Boulevard, off which it is located. As you approach the property at 9939 (an address cleverly designed to honor founder Harris Rosen's birthday), you realize how close it is to the Orange County Convention Center North/South expansion and the Orlando International Airport. All of Orlando's best attractions, restaurants, shopping, and entertainment venues are within a short distance of this ideal location.

Enter the hotel where 1,501 guestrooms offer luxurious first-class settings wrapped in Spanish revival architecture. Capitalizing on Rosen Shingle Creek's elevation, every single room offers a stunning view of the area's incomparable setting. The perfectly manicured fairways and greens of Shingle Creek Golf Course, the picturesque creek lined by magnificent cypress trees, and lush natural vegetation seem to enter the room through oversized windows. This immersive

experience is what guests love the most about staying at Rosen Shingle Creek.

Yet the beauty of it all is receiving the lavish experience without paying resort prices, and you never pay a resort fee. That's because we're guided by Rosen Hotels & Resorts® Founder and President Harris Rosen who believes in upholding a high standard of quality and unsurpassed service. Rosen Shingle Creek's profound dedication to outstanding service is what makes us unique in the tourist capital of the world.

HOTEL AT A GLANCE

- Total Guestrooms and Suites: 1,501
- Total Guestrooms: 1310
- Total Suites: 191
- Total Presidential Suites: 3
- Total Meeting/Event Space: 48,681 sq. meters
- Total Hotel Square Footage: 158,962 sq. meters
- Total Parking Spaces: 2,300

Accommodations



HOTEL AMENITIES & ACTIVITIES

- Shingle Creek Golf Club —18-hole, par 72 championship golf course redesigned by Arnold Palmer Design Company
- Golf Pro Shop – voted one of America’s Top 100 Golf Shops by Golf Shop Magazine
- Brad Brewer Golf Academy on-site – Golf magazine’s “Top 100 Instructors” and one of the “Top 25 Golf Schools in America”
- The Spa at Shingle Creek – a full-service 1,207 square-meter spa, featuring nine treatment rooms, full-service salon and state-of-the-art fitness center with cardiovascular equipment and free weights
- Spacious video arcade
- DJ’s Boutique – offers a variety of women’s apparel, jewelry, home decor, accessories as well as health and beauty products, sundries and souvenirs
- Four outdoor swimming pools — lap, family, kiddie and a quiet pool that features private cabanas available by reservation
- Two hot tubs
- Two lighted tennis courts
- Basketball court
- Sand volleyball court
- Seasonal fishing by reservation
- Nature trail
- Electric vehicle charging station available
- Full service on-site concierge desk

- On-site RICOH Business Center
- On-site PSAV providing full-service audio-visual event technology
- On-site SourceOne exhibition services
- Self and valet parking (self-parking: \$18.00 USD, valet parking: \$26.00 USD plus tax, subject to change)
- Electric car charging station available
- Car rental desk
- BAGS — Transportation Security Administration-approved remote skycap service allows guests to receive their airline boarding passes and check their luggage directly from the hotel
- Universal Orlando Hotel Partner, where guests enjoy complimentary scheduled daily transportation from the hotel to and from Universal Orlando® Resort and to SeaWorld® Orlando and Aquatica®
- Mears Transportation service offer to/from Orlando International Airport at a fee
- Attraction ticket sales and scheduled transportation arrangements by reservation only
- On-site babysitting service (reservations required)
- Upscale guest laundry room, open 24 hours and valet services

WI-FI

- Free WiFi will be available throughout the hotel and conference complex
- Complimentary Wi-Fi in all guestrooms and public areas

Accommodations

DINING & ENTERTAINMENT

A Land Remembered (AAA Four Diamond):

PRICE RANGE: Entrees \$36 - \$67 USD

This classic steakhouse is named after the late Patrick Smith's renowned novel featuring memorable historical moments of Florida's history and rich landscapes. One of two of the hotel's fine dining options, the classic steakhouse features Harris Ranch Black Angus Five Diamond Prime Beef and Florida-themed specialties like Gator Creek Stew and Key West Seafood Au Gratin. A Land Remembered is open for dinner and offers a private dining room (up to 24 people) and relaxing lounge. Seating capacity: 110; outside seating available. Open nightly at 5:30 p.m. Evening resort attire. Reservations recommended. Clubhouse Grille, located inside A Land Remembered, is open daily for lunch from 11 a.m. to 2:30 p.m.

Bella's Bar:

PRICE RANGE: Entrees \$25 - \$42 USD

Located in the vestibule of the Italian bistro, this piano bar is the perfect location for a quiet relaxing or more intimate gathering or a pre-reception to an excellent Italian meal.



Cala Bella ("Beautiful Creek" – AAA Four Diamond):

PRICE RANGE: Entrees \$25 - \$42 USD

This Italian bistro is another of the hotel's fine-dining restaurants, serving dinner in open and private dining settings. A presentation-cooking bar is available where individuals can dine comfortably with the hotel's creative chefs preparing their culinary delights. The soft music from the piano and savory scent of the Italian cuisine make it near impossible to walk by Cala Bella. Seating capacity: 150; private dining room seats 42. Open nightly at 5:30 pm. Reservations recommended.

Café Osceola:

PRICE RANGE: Breakfast \$18.50 USD, Lunch \$19.50 USD

Café Osceola is beautifully appointed in Spanish revival colors of blue and gold. The floor-to-ceiling windows brings in the outside. The restaurant is open for breakfast, lunch and dinner serving a buffet and a la carte menu. Private dining for up to 24 available. Seating capacity: 412. Reservations optional.

Mi Casa Tequila Taqueria:

PRICE RANGE: Entrees \$16 - \$23 USD

Our little casa con sabor Mexicano! Mi Casa Tequila Taqueria serves Mexican favorites including guacamole prepared tableside, a variety of premium tequilas and specialty margaritas. The Jefe Margarita is sure to please! Seating capacity: 60. Open daily for lunch and dinner.

Banrai Sushi:

PRICE RANGE: Sushi Rolls \$13.50 - \$22 USD

Adjacent to the popular Headwaters Lounge, Banrai, meaning "many guests" offers guests a comfortable and convenient respite in which to enjoy a few rolls while sharing a cocktail with a friend, and a spectacular view of the hotel's pool deck. Banrai Sushi features signature rolls, such as the Shingle Creek and Rosen Rolls, as well as traditional sushi rolls, an assortment of sashimi and sake. Seating capacity: 30 including seating for six at the sushi bar. Open nightly at 5:00 p.m.

Accommodations

Tobias Burgers & Brews:

PRICE RANGE: Entrees \$13 - \$18 USD

Named for Tobias MacIvey, the patriarch of the hearty Florida pioneering family in the novel “A Land Remembered” by the late Patrick D. Smith. Tobias Burgers & Brews is located in the heart of the hotel’s dining and retail area, offering a convenient lunch, dinner and gathering spot for both meeting attendees and leisure guests. Tobias Burgers & Brews menu offers gourmet burgers, specialty flats, craft beers and hand-selected bourbons.

18 Monroe Street Market:

PRICE RANGE: Sandwiches \$11.50 - \$13.50 USD

The 18 Monroe Street Market offers a variety of items from a quick snack to a quick-to-order meal. The 24-hour deli Dine-in as well as take out. Seating capacity: 28. Outdoor seating available.

Smoooth Java:

PRICE RANGE: Coffee \$2.75 - \$6 USD; Food \$3.50 - \$9 USD

Located just off the lobby, Smoooth Java proudly serving Starbucks™, as well as an assortment of coffees, gourmet pastries, snacks and desserts.

Headwaters Lounge:

PRICE RANGE: Entrees \$13 - \$18 USD

The recently refurbished Headwaters Lounge lobby bar is centrally located and is a perfect meeting and networking place for everyone!

Creek Ice Creamery:

PRICE RANGE: Ice-cream \$4.50 - \$8.50 USD

Have a refreshing treat while enjoying the pool activities. With so many mouthwatering flavors to choose from, we’re sure to have your favorite.

Shingle Creek Clubhouse Grill:

PRICE RANGE: Sandwiches \$11 - \$25 USD

Clubhouse Grill offers golfers a variety of fare including soups, salads, sandwiches, entrees and beverages.

Cat-Tails Pool Bar & Grille:

PRICE RANGE: Entrees \$12.50 - \$17 USD

Rosen Shingle Creek epitomizes the atmosphere of relaxation in every sense! Located adjacent to the pool areas, Cat-Tails Pool Bar & Grille brings the convenience of dining to you pool side or at its bar area, serving a range of beverages and a la carte food items at your fingertips.

In-Room Dining:

PRICE RANGE: Breakfast Entrees \$15 - \$22 USD;

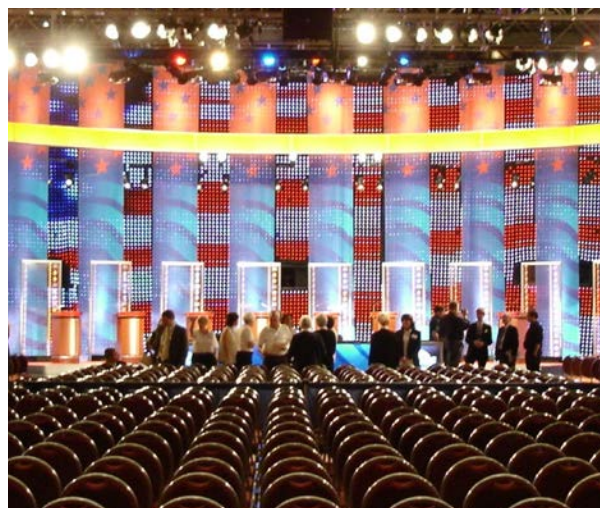
All-day Menu Entrees \$22 - \$32 USD

24 hours, full service.

CONFERENCE & MEETING FACILITIES

The hotel features 48,681 square meters of dedicated meeting/event facilities including:

- Total Indoor Meeting/Event Space: 38,090 sq. meters
- Gatlin Grand Ballroom: 8,825 sq. meters column-free
- Sebastian Ballroom: 5,574 sq. meters column-free
- Panzacola Ballroom: 3,716 sq. meters column-free
- Breakout Meeting Rooms: 99 including ballrooms from 79-186 sq. meters. each



Accommodations

- Pre-function space: 13,378 sq. meters
- Exhibit space: 18,116 sq. meters
- Largest Theater-Style Capacity: 9,500 people
- Largest Classroom-Style Capacity: 6,432 people
- Largest Banquet-Style Capacity: 6,800 people
- Largest Reception-Style Capacity: 10,000 people
- Largest Exhibit Space: 8,825 sq. meters (Gatlin Ballroom)
- All ballrooms have 9.4-meters unobstructed ceilings/ 10-meter high at hang points, hardwire and Wi-Fi capabilities at a fee. The load-in areas feature 17 bays, as well as seven built-in registration desks with adjoining back office space in the pre-function area.

OUTDOOR FACILITIES

- Total Outdoor Meeting/Event Space: 10,591 sq. meters
- Covered Golf Pavilion: 172 sq. meters
- Outdoor Event Lot: 3,716 sq. meters
- Largest Outdoor Space: 4,264 sq. meters

SHINGLE CREEK GOLF CLUB

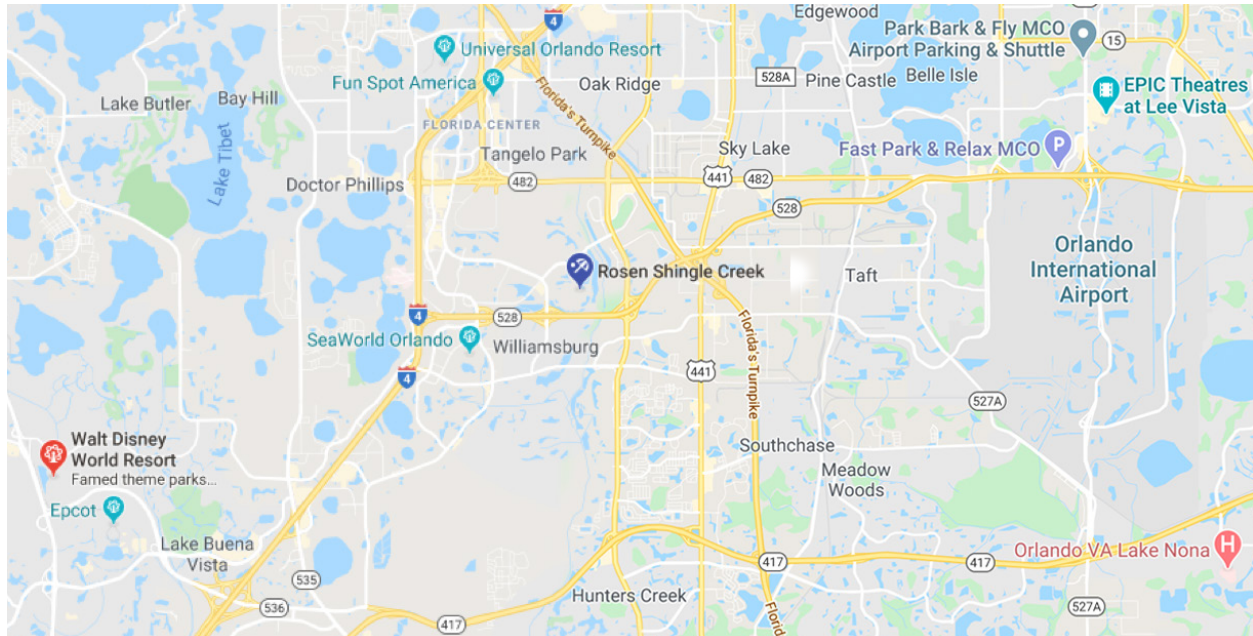
A world-class golf club and course awaits, conceived and executed by the esteemed Arnold Palmer Design Company, with three new holes, a group of redesigned holes, and the overall balance of the course recalibrated to accommodate new design features including more forgiveness and recovery options along extra-long par-4s and par-5s. The new Shingle Creek Golf Club is definitely strokes and chips above a typical “hotel golf” course.

THE SPA AT SHINGLE CREEK

For a more rejuvenating retreat, the hotel offers a full-service 1,207 square-meter spa, featuring nine treatment rooms and an extensive menu of soothing services, as well as a state-of-the-art fitness center. The spa has been developed not just as an amenity for leisure and business guests, but is a destination unto itself, a one-of-a-kind spa experience rooted in the area’s rich history, the surrounding landscape and the traditions of Florida’s indigenous people.



Transportation



TRANSPORTATION

No Car? No Problem! Orlando and Rosen Shingle Creek both offer several options for transportation!

Mass Transit Lines

- Mass transit prices depend on the individual rides itself, on the website it will map out the rides and listed the link for the map. A single ride is \$2.00 USD, an all-day fare is \$4.50 USD, and a seven-day pass is \$16.00 USD.

www.golynx.com/maps-schedules/map-gallery.shtml

Mears Shuttle

- Round trip tickets from the airport are \$32 USD per person and one-way tickets are \$22 USD. Mears prefers that you call at least 24 hours in advance at (407) 423-5566 to make an appointment for the return trip to MCO and they will only schedule their pickups 3 hours in advance from your flight's take off time, no exceptions.

Disney Transportation

Arrangements will be made to shuttle IRPA delegates and guests from Rosen Shingle Creek to Disney multiple times per day.

**Note at the time this information was collected Disney does not allow the hotel to have shuttle transportation.*

Universal Studios

- Universal Studios and Rosen Shingle Creek offer a complementary shuttle. The onsite Universal representative prefers that you make reservations 24 hours in advance but at long as you call in the morning at ext. 3717351, then you should be fine.
 - i. AM Departures to Universal from Shingle Creek
 - 7:20, 8:20, 9:25, 10:40am
 - ii. PM Departures to Universal from Shingle Creek
 - 5:55, 7:30, 8:30pm
 - iii. Returns to Shingle Creek from Universal (Spot 49/51)
 - 5:20, 6:55, 7:55, 9:00, 9:45, 11:00pm, 12:15am

Transportation & Weather

SeaWorld Transportation

- While SeaWorld does have a direct shuttle but not directly from Shingle Creek attendees can first catch a ride on the Universal shuttle to Universal, then, get on the SeaWorld bus. The reverse route applies for the return. To maximize efficiency, Rosen Shingle representatives recommend a cab or UBER/LYFT.
 - i. Departs at 9:45am and returns at 6:45pm in Spot 49

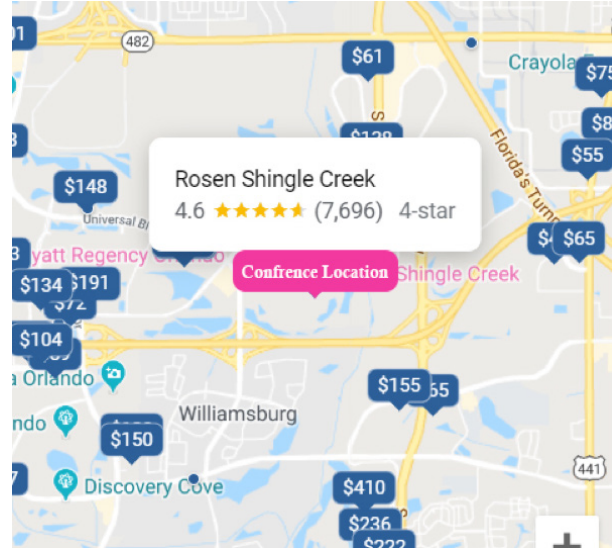
Lyft & Uber

- Prices change daily based on the time of day, how busy they are with rides, and how many drivers they have in the area. Regardless this is often the cheapest option for most people, especially considering how they charge for the car not per person. \$25 USD on average to or from the airport.

Star Taxi

(Star is the exclusive taxi provider at Rosen Shingle Creek)

- From MCO to Shingle Creek is \$60 USD for the car, from Shingle Creek to MCO it is \$46 USD.



WEATHER

The warm weather in Orlando during July is typically between 24 and 33 (°C). While there can be strings of dry days, expect brief afternoon showers to help cool off the area.

Obtaining US Visa's



For those IRPA 2024 participants traveling from a foreign country, please be advised that the U.S. requires a visa for most international travelers, except travelers from Canada and countries participating in the Visa Waiver Program. To obtain the visa electronically, go to esta.cbp.dhs.gov/esta/esta.html.

From the ESTA welcome page

International travelers who are seeking to travel to the United States under the Visa Waiver Program are now subject to enhanced security requirements. All eligible travelers who wish to travel to the U.S. under the Visa Waiver Program must apply for authorization and pay the fee.

The application process is explained on the ESTA website listed above. Voluntary ESTA applications may be submitted at any time prior to travel to the United States, and Visa Waiver Program travelers are encouraged to apply for authorization as soon as they begin to plan a trip to the United States. There are currently 38 countries participating in the Visa Waiver Program.

To apply for a visa, visit ustraveldocs.com

If you need a VISA letter for your VISA application, please email us at Reception@BurkInc.com.

We would be happy to send you a letter on IRPA letterhead stating you are invited to attend the IRPA meeting in Orlando, Florida, during the dates of the meeting. If you need additional information on the letter, such as the date you are going to your visa interview or placing your application number on the letter, we are happy to include that.

We are also happy to include your presentation title if you are presenting an abstract. We do require you to be registered for the IRPA meeting in advance of sending out an invitation letter, please make sure to register first.

We look forward to seeing you in Orlando, Florida, in 2024!

Financial and Budget Information

IRPA 16 Finances

PRELIMINARY DRAFT BUDGET

Revenue

Registration @ \$650/each (assume 1500 paying delegates)	\$975,000
Young Professional @ \$325/each (Individuals in the first 10 years of their radiation protection careers and under the age of 35)	
Students @ \$70/each (Individuals currently enrolled in a radiation protection-related program.)	
Exhibits	\$75,000
Sponsorships	\$10,000
TOTAL	\$1,060,000

Expenses

Venue	\$0
Food & Beverage	\$231,995
AV	\$120,000
Program	\$17,600
APP	\$9,000
Admin Fees	\$50,000
Travel Support	\$100,000
Insurance	\$3,500
Supplies	\$10,000
Welcome Reception	\$81,530
Local Transportation	\$15,000
Gala Dinner	\$164,375
TOTAL	\$803,000

Letters of Endorsement/Support



Cynthia H. McCollough, Ph.D., FAAPM, FACR, FAIMBE
Office of the President
Mayo Clinic
200 1st Street SW
Rochester, MN 55905
mccollough.cynthia@gmail.com
507.293.1681

November 11, 2019

TO: Roger Coates, OBE, President, IRPA
FROM: Cynthia McCollough, President, AAPM
RE: IRPA 2024 in North America

Dear President Coates;

As President of the American Association of Physicists in Medicine (AAPM), I am pleased to learn that the 16th International Congress of the International Radiation Protection Association (IRPA) will be held in Orlando, Florida in 2024! This quadrennial meeting of radiation protection professionals from across the globe provides a unique opportunity for enhancing the science of radiation protection through scientific presentations and plenary talks. Perhaps most importantly, the meeting will provide the opportunity to meet and exchange ideas with other attendees, who will represent the thought leaders in radiation protection, a topic of great interest to a large number of AAPM members.

It is particularly exciting that IRPA will be coming to North America, which will facilitate much greater participation from AAPM members; the last time IRPA's International Congress was held in the United States was in September of 1973!

As a not-for-profit scientific organization that promotes excellence in radiation protection, IRPA's mission aligns very well with the vision and mission of the AAPM. If IRPA would like to have AAPM's official endorsement of the meeting, please visit <https://www.aapm.org/meetings/default.asp> to obtain details for applying for AAPM endorsement of your meeting.

On behalf of the AAPM, I would like to express my appreciation and enthusiasm about IRPA's plan to host their 2024 meeting in the United States. Please do not hesitate to reach out to the AAPM for our endorsement, or for speaker suggestions and publicity opportunities. I wish you and your team great success in your meeting preparations.

Best Regards,

A handwritten signature in black ink, reading 'Cynthia H. McCollough', is positioned below the 'Best Regards,' text.

Cynthia H. McCollough, PhD, FAAPM, FACR, FAIMBE
President, American Association of Physicists in Medicine
Brooks-Hollern Professor of Research
Professor of Medical Physics and Biomedical Engineering
Director, CT Clinical Innovation Center and X-ray Imaging Core
Department of Radiology, Mayo Clinic

The Association's Journals are Medical Physics and Journal of Applied Clinical Medical Physics
Member Society of the American Institute of Physics and the International Organization of Medical Physics

1631 Prince Street | Alexandria, VA 22314-2818 | phone 571.298.1300 | fax 571.298.1301 | www.aapm.org

Letters of Endorsement/Support



Conference of Radiation Control Program Directors, Inc.

Office of Executive Director ❖ 112 E Main Street ❖ Frankfort, KY 40601
Phone: 502/227-4543 ❖ Fax: 502/227-7862 ❖ Web Site: www.crcpd.org

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jeffrey.semancik@ct.gov
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Iowa

Office of Executive Director

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Executive Director

Ruth E.
McBurney, CHP
[rmcburney@
crcpd.org](mailto:rmcburney@crcpd.org)

November 12, 2019

Dr. Roger Coates, OBE
President, International Radiation Protection Association

Dear President Coates:

The Conference of Radiation Control Program Directors (CRCPD) endorses the city of Orlando to host the 16th International Congress of International Radiation Protection Association (IRPA) in 2024. This quadrennial meeting of radiation protection professionals from across the world provides a unique opportunity for exchange of ideas and enhancing the science of radiation protection.

It is our understanding that the last time the International Radiation Protection Association (IRPA) International Congress was held in the United States was in September of 1973, so we are particularly excited to see it return.

Because IRPA is a not-for-profit scientific organization that promotes excellence in radiation protection, I see that the vision and goals of CRCPD align very well with the mission statement of IRPA, i.e., promoting excellence in radiation protection by providing benchmarks of good practice and enhancing professional competence and networking. It would also provide our members with an opportunity to participate in an international meeting that they might not otherwise be able to attend.

CRCPD hopes this meeting will provide the international radiation protection community an opportunity to share up-to-date expertise and operational experience in radiation protection.

Sincerely yours,

Jeffrey D. Semancik
Chairperson

A Partnership Dedicated to Radiation Protection

Letters of Endorsement/Support



Canadian Radiation Protection Association Association canadienne de radioprotection

*Canada's network of radiation safety specialists
réseau canadien des spécialistes en radioprotection*

August 21, 2019

Roger Coates, OBE
President, International Radiation Protection Association

Dear President Coates;

The Canadian Radiation Protection Association (CRPA) would like to submit this letter as an endorsement to the city of Orlando to host the 16th International Congress of International Radiation Protection Association (IRPA) in 2024. This quadrennial meeting of radiation protection professionals from across the world provides an opportunity for the exchange of ideas and enhancement of scientific information on radiation protection.

It is my understanding that the last time the International Radiation Protection Association (IRPA) International Congress was held in the United States was in September of 1973.

IRPA is a not-for-profit scientific organization that promotes excellence in radiation protection. The vision and mission of the Canadian Radiation Protection Association align with the mission statement of IRPA, i.e., promoting excellence in radiation protection by providing benchmarks of good practice and enhancing professional competence and networking. CRPA hopes this meeting will provide the international radiation protection community an opportunity to share up-to-date expertise and operational experience in radiation protection.

Sincerely yours,

Edward Waller
President
Canadian Radiation Protection Association

Ph/Tél: (613) 253-3779
secretariat@crpa-acrp.ca

www.crpa-acrp.com

PO Box 83
Carleton Place, ON
K7C 3P3

Letters of Endorsement/Support



Department of Energy
Washington, DC 20585

December 6, 2019

Dr. Roger Coates, OBE
President, International Radiation
Protection Association

Dear President Coates:

The Office of Environment, Health, Safety and Security endorses the city of Orlando to host the 16th International Congress of International Radiation Protection Association (IRPA) in 2024. This quadrennial meeting of radiation protection professionals from across the world provides a unique opportunity for exchange of ideas and enhancing the science of radiation protection.

It is my understanding that the last time the IRPA International Congress was held in the United States was in September 1973.

IRPA is a not-for-profit scientific organization that promotes excellence in radiation protection. The vision and goals of the U.S. Department of Energy (DOE) align very well with the mission statement of IRPA; i.e., promoting excellence in radiation protection by providing benchmarks of good practice and enhancing professional competence and networking.

DOE hopes this meeting will provide the international radiation protection community an opportunity to share up-to-date expertise and operational experience in radiation protection.

Sincerely,

A handwritten signature in blue ink, appearing to read "Pat C", written over a horizontal line.

Patricia R. Worthington, PhD
Director
Office of Health and Safety
Office of Environment, Health,
Safety and Security
U.S. Department of Energy



Letters of Endorsement/Support



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

DEC 17 2019

OFFICE OF
AIR AND RADIATION

Mr. Roger Coates, OBE
President
International Radiation Protection Association

Dear President Coates,

The U.S. Environmental Protection Agency's radiation protection program supports and encourages IRPA to host their 2024 conference in the United States as the site of the 16th International Congress of International Radiation Protection Association (IRPA) in 2024. We understand that Orlando, Florida would be the host city and this proximity would enable many of our colleagues to attend. This quadrennial meeting of radiation protection professionals from across the world provides a unique opportunity for exchange of ideas and enhancing the science of radiation protection.

It is my understanding that the last time the International Radiation Protection Association (IRPA) International Congress was held in the United States was in September of 1973. IRPA is a not-for-profit scientific organization that promotes excellence in radiation protection. The vision and goals of the EPA radiation protection program align very well with the mission statement of IRPA, i.e., promoting excellence in radiation protection by providing benchmarks of good practice and enhancing professional competence and networking.

We hope this meeting will provide the international radiation protection community an opportunity to share up-to-date expertise and operational experience in radiation protection.

Sincerely,

A handwritten signature in blue ink, which appears to read "Jonathan D. Edwards", is placed above the printed name.

Jonathan D. Edwards
Director
Office of Radiation and Indoor Air
US Environmental Protection Agency

Letters of Endorsement/Support



November 14, 2019



Welcome! On behalf of the City of Orlando, it is my pleasure to welcome you to The City Beautiful for the 16th International Congress of the International Radiation Protection Association.

We're thrilled to be hosting an event that provides a unique opportunity for the exchange of ideas and enhancing the science of radiation that promotes excellence in radiation protection.

Your conference is set in one of the country's most dynamic cities. With a vibrant dining scene, first-rate hotels, diverse arts and cultural opportunities, endless shopping options and many outdoor activities, Orlando has so much to offer.

I invite you to explore our community during your visit. You probably know that Orlando is America's most-visited destination, but there is so much more.

We're proud that our city is diverse, inclusive and welcoming, which is reflected in our many Orlando Main Streets districts, which are filled with unique restaurants and shops. Downtown Orlando is experiencing an entertainment and sports renaissance thanks to venues like the Amway Center and Dr. Phillips Center for the Performing Arts, plus our community's crown jewel, Lake Eola Park.

I hope you have a wonderful conference, but also take some time to discover the other half of Orlando!

Sincerely,

A handwritten signature in blue ink that reads "Buddy Dyer".

Buddy Dyer
Mayor

OFFICE OF THE MAYOR

Orlando City Hall · 400 South Orange Avenue · Third Floor
PO Box 4990 · Orlando, FL 32802-4990
P 407.246.2221 · F 407.246.2842 · orlando.gov

Letters of Endorsement/Support



October 2nd, 2019

Roger Coates, OBE
President, International Radiation Protection Association

Dear President Coates,

The SMSR (Mexican Society of Radiological Safety, for its initials in Spanish) endorses the city of Orlando to host the 16th International Congress of International Radiation Protection Association (IRPA) in 2024. This quadrennial meeting of radiation protection professionals from across the world provides a unique opportunity for exchange of ideas and enhancing the science of radiation protection.

It is my understanding that the last time the International Radiation Protection Association (IRPA) International Congress was held in the United States was in September of 1973.

IRPA is a not-for-profit scientific organization that promotes excellence in radiation protection. The vision and goals of the SMSR align very well with the mission statement of IRPA, i.e., promoting excellence in radiation protection by providing benchmarks of good practice and enhancing professional competence and networking.

The SMSR hopes this meeting will provide the international radiation protection community an opportunity to share up-to-date expertise and operational experience in radiation protection.

Sincerely yours,

Richard D. Harr

President, SMSR

Letters of Endorsement/Support



NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENTS

President: Kathryn D. Held; Senior Vice President: Jerrold T. Bushberg; Director of Science: John D. Boice, Jr.
7910 Woodmont Avenue, Suite 400, Bethesda, Maryland 20814-3095 Voice: (301) 657-2652 Fax: (301) 907-8768

October 6, 2019

Roger Coates, OBE
President, International Radiation Protection Association

Dear President Coates:

It is with pleasure that the National Council on Radiation Protection and Measurements (NCRP) endorses the city of Orlando to host the 16th International Congress of the International Radiation Protection Association (IRPA) in 2024. This quadrennial meeting of radiation protection professionals from around the world provides a unique and important opportunity for exchanging ideas and enhancing the science of radiation protection.

The last time the IRPA International Congress was held in the United States was in September of 1973, so it will be timely to have the Congress back in the US in 2024.

I understand that IRPA is a not-for-profit scientific organization that promotes excellence in radiation protection. This is also true of the NCRP, and the vision and goals of NCRP align very well with the mission statement of IRPA, i.e., promoting excellence in radiation protection by providing benchmarks of good practice and enhancing professional competence and networking.

NCRP hopes the upcoming meeting will provide the international radiation protection community an opportunity to share up-to-date expertise and operational experience in radiation protection.

Sincerely yours,

Kathryn D. Held, Ph.D.
President

VICE PRESIDENTS

Program Area Committees:

*Basic Criteria, Epidemiology,
Radiobiology, and Risk*
Gayle E. Woloschak
Northwestern University

Jonine L. Bernstein, *Co-Chair*
Memorial Sloan Kettering
Cancer Center

Operational Radiation Safety
Kathryn H. Pryor
Pacific Northwest National Laboratory

*Nuclear and Radiological Security
and Safety*
Armin Ansari
Centers for Disease Control and Prevention
Brooke R. Buddemeier, *Co-Chair*
Lawrence Livermore National Laboratory

Radiation Protection in Medicine
Donald L. Miller
U.S. Food and Drug Administration

Lawrence T. Dauer, *Co-Chair*
Memorial Sloan Kettering Cancer Center

*Environmental Radiation and Radioactive
Waste Issues*
Bruce A. Napier
Pacific Northwest National Laboratory

*Radiation Measurements and
Dosimetry*
Steven L. Simon
National Cancer Institute
National Institutes of Health

*Radiation Education, Risk Communication,
and Outreach*
Randall N. Hyer
Center for Risk Communication

A nongovernment,
not-for-profit,
congressionally chartered,
public service organization

Letters of Endorsement/Support



Department of Energy
Under Secretary for Nuclear Security
Administrator, National Nuclear Security Administration
Washington, DC 20585



October 11, 2019

Dr. Roger Coates
President
International Radiation Protection Association

Dear President Coates:

The United States Department of Energy's National Nuclear Security Administration (NNSA) supports the City of Orlando, Florida to host the 16th International Congress of International Radiation Protection Association (IRPA) in 2024. My understanding is that the United States last hosted the IRPA International Congress roughly 46 years ago, in September 1973.

This quadrennial meeting of radiation protection professionals from across the world provides a unique opportunity to exchange ideas and further radiation protection science, which aligns with some of NNSA's missions to ensure United States nuclear security. NNSA hopes this meeting will provide the international community an opportunity to share their leading edge expertise and operational experience among radiation protection professionals.

*Thank you
for your consideration
of the request!*

Sincerely,

Lisa E. Gordon-Hagerty

