



POWERPLANTSIM

Power Plant Simulation Conference 2025

JANUARY 26-30, 2025

Marriott Jacksonville Downtown, Jacksonville, Florida



2025 PowerPlantSim

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January 26-30, 2025
Marriott Jacksonville Downtown
245 Water Street, Jacksonville, FL 32202

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General Information

General Chair

Michael Strawser

Registration

Duval Ballroom Foyer

Sunday, January 26, 2025: 4:00 pm to 6:00 pm

Monday-Wednesday, January 27-29, 2025: 8:00 am to 5:00 pm

Thursday, January 30, 2025: 8:30 am to 1:30 pm

General Session

Florida Ballroom, *Salon D*

Monday, January 27, 2025: 8:30 am

Exhibit Area

Duval Ballroom

Monday-Tuesday, January 27-28, 2025: 9:00 am to 5:00 pm

Wednesday, January 29, 2025: 9:00 am to 12:00 pm

Breakfasts

Florida Ballroom, Salon D

Breakfast: Monday-Wednesday 7:30 am to 9:00 am

Coffee Only: Thursday 8:00 am

Breaks

Duval Ballroom

AM Coffee Only Break: Monday-Thursday 10:00 am to 10:30 am

PM Coffee & Pastry Break: Monday-Wednesday 3:00 pm to 3:30 pm

Training Information

Florida Ballroom, Salon D

Nuclear Training: Thursday, January 30, 2025: 8:30 am to 3:00 pm

General Information

USUG Meetings*

Tallahassee Room

USUG Meeting:

Sunday, January 26, 2025

5:00 pm to 6:00 pm

Wednesday, January 29, 2025

3:30 pm to 5:30 pm

L3Harris MAPPs Inc.**

Hors d'oeuvres, and Cocktails

Ruby Beach

228 E. Forsyth Street

Jacksonville, Fl 32202

Sunday, January 26, 2025

5:30 pm to 8:00 pm

CORYS Reception**

River & Post

1000 Riverside Ave, #100

Jacksonville, FL 32204

Monday, January 27, 2025

7:00 pm to 10:00 pm

Curtiss-Wright**

Marriott Jacksonville Downtown

Duvall Ballroom Foyer

Tuesday, January 28, 2025

5:30 pm

WiFi is included in the conference meeting space.

**USUG members only*

***All conference attendees are invited*

Welcome to PowerPlantSim'25

On behalf of The Society for Modeling and Simulation International, (SCS), we wish to express our warmest welcome to all participants, organizers and exhibitors of the 2025 Power Plant Simulation Conference (PowerPlantSim'25).

Thank you for traveling to our event.

All attendees are welcome to attend all of the sessions and activities unless otherwise noted in the agenda.

PowerPlantSim'25 offers a great forum for worldwide researchers and practitioners from Academia, Industry, Business, and Government to share their expertise, results, learn training methods and share research findings relating to the Support Simulation and Nuclear energy community.

We wish to thank the many individuals, whose dedicated effort contributed to the success of this event.

Thank you

Michael Strawser, Talen Energy

Exhibitors

Exhibitors Information

L3Harris MAPPS Inc. Conference Sponsor

2025 Powerplant Conference Sponsor

HIGH REALISM SIMULATION & TRAINING

For over five decades, L3Harris (L3Harris MAPPS Inc.) has worked with leading utilities, plant designers and research organizations to create superior operator training simulators and simulators to assist in and de-risk plant builds. We have established ourselves as the world's pre-eminent manufacturer of high-realism power plant simulators, powered by the second-to-none Orchid® simulation environment. In addition, L3Harris' 2D and 3D interactive Learning Technologies are sure to increase your students' understanding and retention of power plant fundamentals and systems. Our 3D Digital Twins with unmatched immersion support Operations, Training, Engineering, Work Management/Outage Planning, Security, Radiation Protection, Maintenance and many other functions.

L3Harris has deployed the world's highest fidelity operator training simulators for HWR, GCR, BWR and PWR nuclear plants. Our simulators are also used to support operator training at coal, oil & gas, GT and CCGT plants.

We have vast experience in supporting New Build projects with our simulation solutions—resulting in significant error reduction in plant designs. Most recently, our technology has been applied to the simulation of a first-of-a-kind Molten Salt Reactor, resulting in significant industry recognition.

With our Learning Technologies (Learning Modules, System Knowledge Modules and Learning Simulators), we capitalize on the use of interactive visualization to further the objectives of power plant training programs by improving or augmenting the learning experience with a higher degree of efficiency, retention and accessibility.

Orchid® IX is the most realistic, fully immersive display technology available today. Whether troubleshooting complex plant equipment, enhancing worker knowledge, conceptualizing and designing new large-scale reactors or SMRs, planning plant outages, monitoring and managing fleet operations, or decommissioning end-of-life plants, Orchid® IX provides a safe and highly realistic virtual world to get it done right. It also provides significant value to visitor centers to virtually showcase high-value assets and improve the learning experience for the public and other stakeholders.

L3Harris' superior learning and training environments provide clear advantages for obtaining operator licenses/certification, optimizing plant operating procedures, accelerating learning and reducing costs. Personnel trained with our technology acquire the skills necessary to increase plant performance, minimize downtime, and provide confident emergency response.

CONTACT: Isabelle Derry
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8565 Côte-de-Liesse
Montréal, Québec
Canada H4T 1G5
<https://www.l3harris.com/>



L3HARRIS

Exhibitors Information

CORYS

CORYS is a world leader in high fidelity simulation for training and engineering design. We create sophisticated models of complex systems for the nuclear power industry, including fluid (single and multi-phase), gaseous, electrical and I&C systems. Building on more than 30 years of experience developing simulations for multiple plant types, including both PWR and BWR, CORYS has developed a mature, well-proven toolset which creates highly accurate models capable of supporting engineering design and analysis as well as operator training. We offer innovative and high-tech solutions including digital twins and cloud delivery of solutions. CORYS technology powers more simulators than any other simulator vendor in the world

CONTACT: Jody Ryan
Jody.ryan@corys.com
1351 Tradeport Dr.
Jacksonville, FL 32218
www.corys.com



GSE Solutions

Since building the first commercial full-scope nuclear reactor simulator in 1971, we have delivered more full-scope simulators than all our competitors combined. GSE Solutions, Systems & Simulation offers simulation applications beyond training to provide a deeper understanding of plant design issues, procedural deficiencies, and reliability improvements. With a large staff dedicated to power plant simulation, we bring the size, expertise, management skills, and experience to ensure every project is done right, on time, and within budget.

CONTACT: Sunny DeMattio
sunny.demattio@gses.com
7067 Columbia Gateway Drive
Columbia, MD 21046
www.gses.com



Exhibitors Information

SimGenics

1. Overview

SimGenics offers software solutions to enhance the quality and efficiency of technical training, and to streamline day-to-day operations at industrial facilities. Our solutions leverage existing software assets and greatly increase the return on investment for those assets. By incorporating the latest simulation and media software technologies, our SimuPact software framework is unrivalled and features a user-friendly, next-generation interface for our clients to customize the software for their needs.

2. Products and Services

Full Scope Training Simulators:

We offer High Fidelity, Full Scope Training Simulators that are custom-built for all types of fossil/nuclear power plants and process plants. Our full-scope simulators support Simulated, Emulated and Virtual DCS/HMI integration with all major I&C vendors.

Reduced-Scope Training Simulators:

The target market of these products is the same as for Full-Scope Training Simulators, the only difference being that it is stripped of most secondary elements and only focus on the primary processes and engineering principles involved. This results in a lower cost product with much of the advantages of the Full-Scope product.

Unit Process Simulators:

Unit processes are focused training modules that teach specific power plant principles, operating philosophies, and control fundamentals. In addition to being substantially lower priced than a full scope simulator, a unit process simulation emulated only processes and controls important to training. This enables the trainee to easily identify and isolate cause-and-effect phenomena.

3D PACT:

3D PACT is a revolutionary suite of real-time 3D Training and Production Support Tools. It is based on video gaming technology and adds the ability to create or use existing 3D CAD models of industrial facilities and integrate them with 3rd party software tools such as Plant Information Databases, ERP systems, or existing Training Simulators.

Off-the-Shelf Simulators:

SimGenics offers several off-the-shelf simulator packages to schools, colleges, universities, and technical training centers. These products target both students and highly experienced professionals at all levels of the industry. They run on a standard Windows XP/Vista/7/10 PC and features colorful, user-friendly HMI screens.

Exhibitors Information

SimGenics (Continued)

Virtual Instructor:

Easily create interactive training modules that guide trainees through operating procedures. It optimizes knowledge from experienced staff. Unrivaled Trainee Performance Measurement (TPR) options are provided:

- Instructors can compile elaborate performance requirements for trainees to comply with while executing procedures/scenarios.
- Out of Bounds (OBB) Monitor to ensure trainees never receive negative training.
- Tutorial (TUT) messages to assist trainees during training sessions, with flexible scoring penalties are assistance is required during test situations.
- Instructorless 24/7 training is possible using VI's powerful scenario/procedure builder.

Power OPS HMI:

The NUREG-0700 requirements for nuclear power plants contain the guidelines for reviewing seven Human-Machine-Interface (HMI) systems: alarm system, safety parameter display system, group-view display system, soft control system, computer-based procedure system, automation system, and communication system. The guidelines include the functional aspects of the system, as well as any unique considerations for display, user-system interaction, and control that may be needed to review the system.

The SimGenics Power OPS is used for HMIs that should be NUREG-0700 compliant.

3. Office Locations:

Colorado, United States:

627 24 ½ Road, Suite B
Grand Junction, Colorado, 81505

Texas, United States:

558 Silicon Dr, Unit 101
Southlake, Texas, 76092

South Africa:

169 Corobay Avenue, Unit A-3003
Waterkloof Glen, Pretoria, South Africa

Australia:

16 McDougall Street, Level 1
Milton, Queensland, 4064

CONTACT: Francois Laubscher
flaubscher@simgenics.com
558 Silicon Dr, Unit 101
Keller, Texas, 76092
www.simgenics.com



Exhibitors Information

Studsvik Scandpower, Inc.

Studsvik Scandpower is the global leader in the development and support of fuel vendor-independent reactor analysis software for PWRs, BWRs, VVERs, SMRs and Advanced Reactors. Studsvik offers a full suite of licensing-grade software and consulting services to support operating plants, fuel vendors, safety authorities, next-generation reactor developers and research organizations. Studsvik's products are used throughout the world for reactor fuel and core design, analysis, and operational support.

CONTACT: Melanie Joseph
melanie.joseph@studsvik.com
101 N. 3rd Street, Suite 202
Wilmington, NC 28401
<https://www.studsvik.com/>

Studsvik

Westinghouse

Westinghouse has a strong presence in the nuclear simulator sector due to its cutting-edge simulation technology, offering a wide range of products aimed at improving the safety and efficiency of nuclear facilities.

Accumulating vast experience in nuclear operations over the last 60 years has allowed us to create realistic simulators and simulation technologies, leveraging our deep knowledge into innovative training techniques and best practices in knowledge transfer. We have developed our own simulation tools (TEAMS_SUITE), as well as our own communications system, Software/Hardware (TESIS+) and our own strict configuration control tool (CMS/SICOSIS).

We can update and upgrade simulators developed by or with third party tools and using third-party codes including RELAP5, TRAC_RT, MAAP, NEMO, TRACE, etc.

Our Simulators are certified by the Regulatory Body according to the ANSI/ANS-3.5 2018 & ANSI-3.5.1 20xx Working Groups permitting us to develop simulators on a global scale with multiple nuclear reactor technologies. Spanish Utilities are represented by Westinghouse in the ANSI-3.5 2018 Working Group and in the Utility Simulators Users Group. We have supplied simulators to PWR, BWR and PHWR plants.

Contact: Lauren Buckman
Lauren.buckman@westinghouse.com
1000 Westinghouse Drive
Cranberry Township, PA 16066
Simulation | Westinghouse Nuclear



Exhibitors Information

Curtiss-Wright

Curtiss-Wright offers a comprehensive range of products and services that sustain the safe and reliable operation of nuclear power plants across the world. Our nuclear legacy dates back to 1957, when the first commercial nuclear power plant in Shippingport, PA began its operations.

Today, more than 65 years later, Curtiss-Wright continues to meet the demands of operating nuclear reactors, while expanding our capabilities to support the next generation of advanced reactor designs. We deliver innovative solutions for Plant Life Extension (PLEX), Extended Power Uprate (EPU) programs, and critical plant obsolescence issues. Curtiss-Wright meets all NQA-1 qualifications and maintains certifications in alignment with industry standards.

Through our business units and legacy brands—including Anatec-LMT, AP Services, Enertech, NETCO, Nova, Scientech, Trentec, and WSC—we offer:

- **Engineering and Analysis**
- **Fasteners, Components, and Bolting Solutions**
- **Fluid Sealing Solutions**
- **I&C Systems and Electrical Equipment**
- **Outage and Inspection Services**
- **Plant Monitoring and Simulation**
- **Testing and Qualification**
- **Valves and Actuators**

CONTACT: Debbie Van de Poll
dvandepoll@curtisswright.com
7196 Crestwood Blvd. #300
Frederick, MD 21703
www.curtisswright.com



**CURTISS -
WRIGHT**

Social Events

L3Harris MAPPS Inc.

**WELCOMES
2025
POWERPLANT
SIMULATION
ATTENDEES**

**WHEN: JANUARY 26, 2025
TIME: 5:30PM-8:00PM**

**RUBY BEACH BREWING
228 E. FORSYTH
STREET,
JACKSONVILLE, FL
32202**



L3HARRIS



JAN



27



ATTENTION SCS ATTENDEES

COME PARTY WITH CORYS AT



RIVER & POST



**MONDAY, JANUARY 27TH
FROM 7PM TO 10PM
ON THE ROOFTOP**

FOOD & DRINKS PROVIDED!!

HOSTED BY:





Join Us at the
CURTISS-WRIGHT
(WSC)
RECEPTION

Let's Celebrate in Style



Tuesday, January 28, 2025 | 5:30 pm - 8:30 pm
Marriott Jacksonville Downtown
Duvall Ballroom Pre-function Space

**CURTISS -
WRIGHT**

Training



ANS 3.5 REGULATORY COMPLIANCE AND PERFORMANCE TESTING WORKSHOP

Training will take place on Thursday, January 30, 2025 from 8:30 am to 3:00 pm. Training is included in the PowerPlantSim registration. It will be presented by Michael Strawser. He'll be teaching 7111.11 Inspection. Joe Yarbrough will be presenting Simulator Model Upgrade Process Overview.

1 Workshop Objectives

Be familiar with the functional/physical and testing requirements of a nuclear power plant simulator used for operator training and examination following ANS-3.5.

2 Who Should Attend?

Target audience includes simulator test operators and management associated with the administration of a simulator testing program in accordance with ANS-3.5. All PowerPlantSim attendees are invited.

3 What Will You Gain From This Training

This workshop will address the functional/physical and testing requirements for full-scope nuclear power plant control room simulators for use in operator training and examination.

(858) 277-3888 | <https://scs.org/power-plant/> | scs@scs.org

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Agenda

PowerPlantSim Agenda

Monday, 27 January 2025

Welcome and Introductions by Michael Strawser (Susquehanna)

8:30 am – 8:45 am Florida Ballroom Salon D

Vendor Company Overviews

8:45 am – 10:00 am Florida Ballroom Salon D Chair: Michael Strawser
(Susquehanna)

GSE Solutions Project Update & Case Study 8:45 am-9:00 am Ravi Khanna

L3Harris Company Update 9:00 am-9:15 am Michael Chatlani

CORYS Company Update 9:15 am-9:30 am Jody Ryan

Curtiss-Wright (WSC) Update 9:30 am-9:45 am Tommy Utmel

10:00 am—10:30 am Coffee Only Break

Simulator Upgrades

10:30 am – 12:00 pm Florida Ballroom Salon D Chair: Chad Woods
(Wolf Creek)

- *ANO1 Turbine Controls Upgrade* by Scott Cupp (ANO)
- *Modernizing the Brunswick Simulator-Part 1* by Evangelia Papadopoulous (L3Harris)
- *Upgrading the Darlington Simulators-Part 2* by Michael Chatlani (L3Harris)

12:00 pm—1:30 pm Lunch Provided

Progress in Simulator Capabilities (1)

1:30 pm – 3:00 pm Florida Ballroom Salon D Chair: Michael Strawser
(Susquehanna)

- *Xe-100 HTGR Main Control Room Simulator Development* by Paul Hippely, Wusi Yue (X-energy)

PowerPlantSim Agenda

Monday, 27 January 2025

- *Braidwood Glass Panel Simulator-Enhancements for Mixed Operator and Initial License Training* by Kyle Lindquist (Braidwood)
- *Wait! We need those Megawatts-The Palisades and Crane Clean Energy Center Simulator Restorations* by Joe Poisson (CORYS)

3:00 pm—3:30 pm Coffee Break

Lessons Learned—Transferring Critical Knowledge to New Hires

3:30 pm– 5:30 pm Florida Ballroom Salon D Chair: Andrew Petrarca
(VC Summer and Clay Cottingham (Callaway))

- *Growth in Change—Navigating Experience Loss* by Rocky Caddell (Robinson and David Newcomer (Curtiss Wright [WSC]))
- *Lessons Learned—Transferring Critical Knowledge to New Hires Panel* by Andrew Petrarca (VC Summer and Clay Cottingham (Callaway))

PowerPlantSim Agenda

Tuesday, 28 January 2025

Regulations

8:30 am – 10:00 am Florida Ballroom Salon D Chair: Ira Bilancio

- *GSE Solutions Project Update & Case Study* by Ravi Khanna (GSES)
- *Introduction of Expert Mode to Modeling Environment* by Patrick McBride (L3Harris)
- *CORYS Full Scope Glass Panel Simulator Construction* by Mohamed Mansour and Sydney Middaugh (CORYS)

10:00 am—10:30 am Coffee Only Break

Advanced Simulator Technologies

10:30 am – 12:00 pm Florida Ballroom Salon D Chair: Andy Antolik
(Susquehanna)

- *Recent Advances in S3R and Fuel Management* by Jeff Borkowski (Studsvik)
- *Simulator Development Environment: A Demonstration on how an OpenSim-based Simulator Environment was Customized to Optimize and Simplify day-to-day Simulator work Maintenance and Development* by Enrique Benedicto (Nine Mile Point)
- *Connecting the Dots: Leveraging Simulator Workshops for Successful Nuclear Plant Digital Transformations* by Jack Miller (Sargent Lundy)

12:00 pm—1:30 pm Lunch Provided

Unique Simulator Applications

1:30 pm – 3:30 pm Florida Ballroom Salon D Chair: Kashmir Singh (EDF)

- *RELAP5-3D Robustness Improvements for Real Time (RT) and Simulation Assisted Engineering (SAE) models under 3KEYMASTER™ Platform* by Vladimir Nosatov (Curtiss-Wright [WSC])
- *KSU-info/Simulator Usage, other than for Training Purposes* by Fredrik Pålsson (KSU)

PowerPlantSim Agenda

Tuesday, 28 January 2025

- *Nuclear Power and Data Centers—Combined Real-Time Simulation* by Romeo Daccache (Curtiss-Wright [WSC])
- *Nuclear Power Plants Performance Improvements Using Simulators/Digital Twins* by Kashmir Singh (EDF)

3:30 pm—4:00 pm Coffee Break

Industry Events Benchmarking Results Panel

4:00 pm – 5:30 pm Florida Ballroom Salon D Chair: Justin Hasner (Prairie Island)

PowerPlantSim Agenda

Wednesday, 29 January 2025

Tips and Tricks

8:30 am – 10:00 am Florida Ballroom Salon D Chair: Joe Yarbrough (Monticello)

- *Simulator Standardization: A Discussion on how Certain Aspects of the Simulator Runtime Could be Standardized for Greater Interchangeability and Community Efforts* by Enrique Benedicto (Nine Mile Point)
- *From Reset to Run: AI as Your Simulation Assistant* by Nolan Yelverton (Waterford)
- *Contingency Plans in Simulators* by Fernando Raigoso (Westinghouse)

10:00 am—10:30 am Coffee Only Break

Simulator Modifications

10:30 am – 11:30 am Florida Ballroom Salon D Chair: Scott Cupp (ANO)

- *GGNS Radiation Transport Model Implementation* by Dr. Robert Fuller (GGNS)
- *W3LPWR: Upgrading a Conventional Simulator for SAE Beyond Plant Design Modifications* by Patricia Romero (Westinghouse)

11:30 am—1:00 pm Lunch Provided

Regulations

1:00 pm – 3:00 pm Florida Ballroom Salon D Chair: Michael Strawser (Susquehanna)

- *NRC Update* by Jesse Seymour (NRC)
- *ANS-3.5-2018 Update* by Jim Florence (NPPSim Consulting)
- *ANS-3.5.1-202X Update* by Kashmir Singh (EDF)

3:00 pm—3:30 pm Coffee Break

USUG Meeting

3:30 am – 5:30 pm Florida Ballroom Salon D Chair: Michael Strawser (Susquehanna)

PowerPlantSim Agenda

Thursday, 30 January 2025

Tips and Tricks

8:30 am – 12:30 pm Florida Ballroom Salon D Chair: Joe Yarbrough (Monticello)

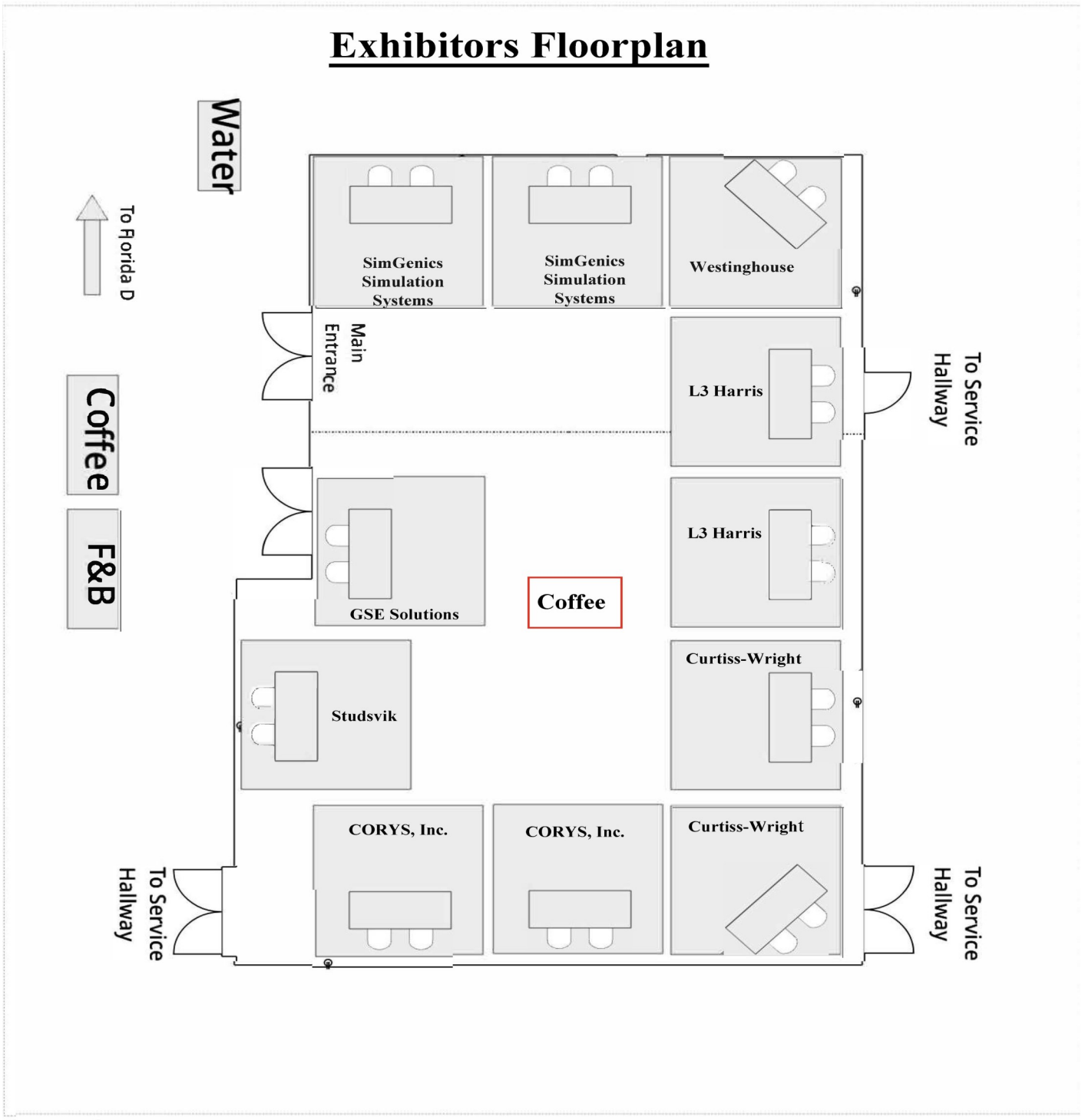
- *Training Topic—Simulator Model Upgrade Process Overview*

12:30 pm—1:00 pm Lunch Provided

1:00 pm – 3:00 pm Florida Ballroom Salon D Chair: Michael Strawser
(Susquehanna)

- *Training Topic—Training Topic—Preparing for a 71111.11 Inspection*

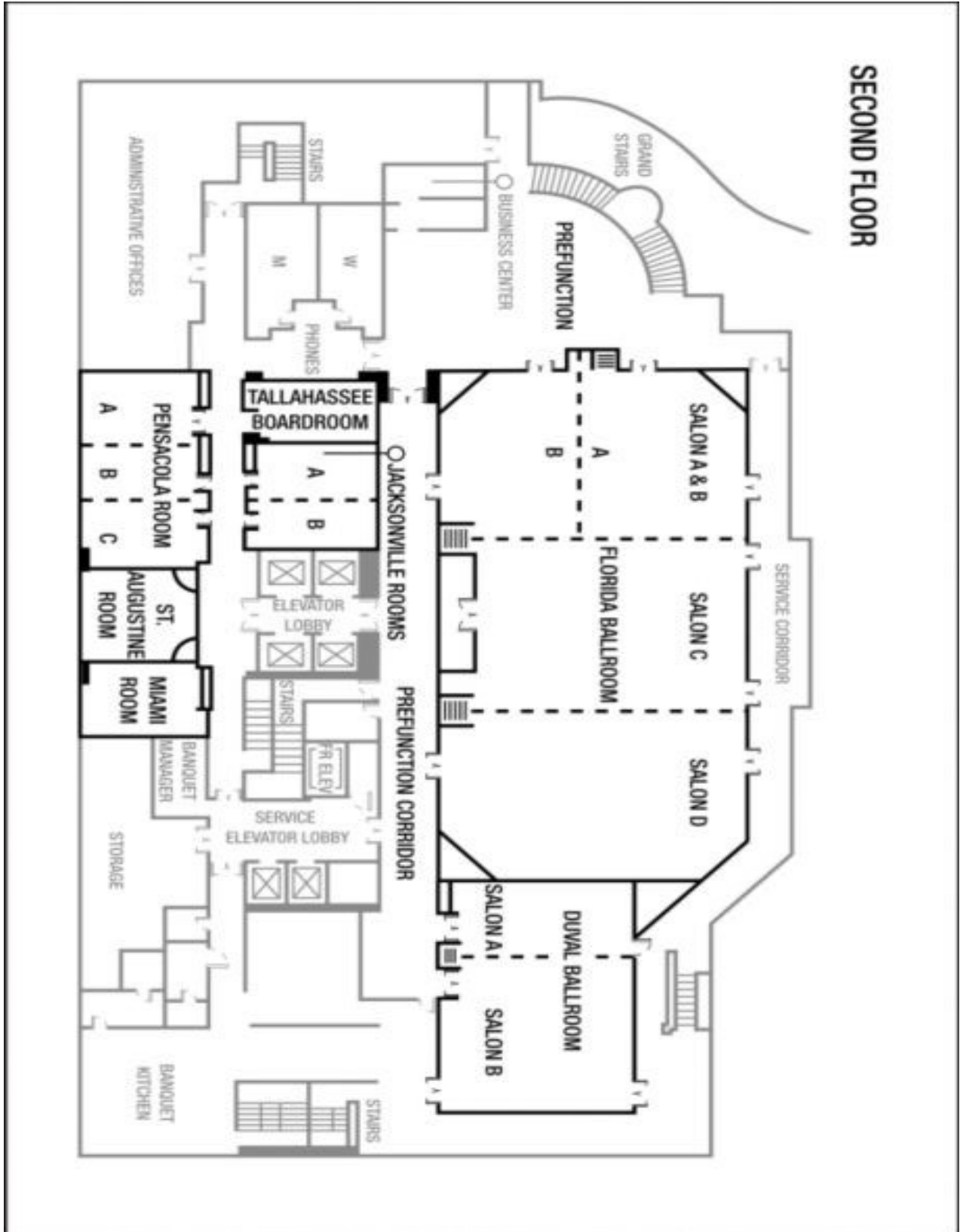
Exhibitors Floorplan



Powerplant Exhibitors

1. L3 Harris	4. Studsvik
2. Curtiss-Wright	5. SimGenics Simulation Systems
3. CORYS Inc.	6. Westinghouse
7. GSE Solutions	

Hotel Floor Plan





COMPLETE POWER PLANT SIMULATION SOLUTIONS

When only the most comprehensive, user-friendly simulation environment will do

From full scope operator and classroom training to assisting engineers with the design and validation of new power plants, L3Harris' award-winning simulation solutions — powered by Orchid® — are the right fit to meet your most challenging needs. Whether you are looking for the highest realism for your training, want to add severe accident capabilities to your simulator, or need a robust simulation environment to de-risk plant engineering projects, L3Harris has the technology and people to ensure your success. Our Orchid simulators are used by the most discerning customers in North and South America, Europe, Africa and Asia, and we're ready to support you.

For more information on L3Harris' power plant simulation solutions, visit our website or email us at power.mapps@L3Harris.com.

L3HARRIS.COM



The City of Jacksonville Florida

Restaurants in Jacksonville, Florida

Ruth's Chris Steak House

1201 Riverplace Boulevard Crown Plaza Hotel

St. Johns Provision Co.

1201 Riverplace Blvd

Village Bread Cafe

1301 Riverplace Blvd Ste C-102

Angie's Downtown Deli

1300 Riverplace Blvd Ste 107

Sake House

1478 Riverplace Blvd Ste 1

Southern Grill

BB's Restaurant + Bar

1019 Hendricks Ave

Chart House

1501 River Place Blvd

The Bearded Pig BBQ

1224 Kings Ave

Morton's The Steakhouse

225 E Coastline Dr Inside Hyatt Regency Hotel

Locals' at Southbank

1326 Prudential Dr

Jaxx Sports Bar

225 E Coastline Dr located inside Hyatt Regency Hotel

City Grille & Raw Bar

1314 Prudential Drive

Flavors Of Thai

1004 Hendricks Avenue

Southbank Johnnie's

1515 Prudential Dr

Pier 1515

1515 Prudential Dr Lexington Hotel and Conference Center

Basil Thai & Sushi

1004 Hendricks Ave

Things to do in Jacksonville, Florida

Arts and Culture

Downtown Jacksonville's rich arts and culture amenities shape the scene for Northeast Florida. Theaters and performance venues offer more than 28,000 seats and experiences, from national acts to Broadway shows to community theater. Museums and galleries provide insight into contemporary art, local history, science, and innovation, while buildings and infrastructure serve as a canvas for a wealth of public art. These diverse offerings create an inclusive and vibrant scene that contributes to the urban lifestyle and draws visitors from around the region.

Sports and Entertainment

Downtown is home to five sports teams, major concerts, the annual Jacksonville Fair and much more! The TIAA Bank Field – home to the Jacksonville Jaguars – is located in the Sports Complex. The stadium boasts two swimming pools, the largest state-of-the-art LED-HD Scoreboards, cabanas, live DJs, VIP suites, and various food options for any and all sporting events. Connected to the south end of the TIAA Bank Field — and sharing space with a “flex field” indoor practice facility for the Jacksonville Jaguars — is Daily's Place. Daily's Place is the newest entertainment destination in Downtown Jacksonville. Constructed in 2017, Daily's Place brings quality, year-round events such as concerts, festivals, corporate and social events and much more.

Additional premier sporting venues include the Baseball Grounds of Jacksonville and the VyStar Veterans Memorial Arena. In addition to sporting events, the multi-purpose VyStar Veterans Memorial Arena hosts concerts, comedy shows, conventions, family shows, and much more!

The Elbow

Cultivated around the historic Florida Theatre, The Elbow is Downtown Jacksonville's Entertainment District in the Central Core. Committed to creating an authentic entertainment experience, The Elbow offers a host of diverse and walkable culinary, nightlife, live music and performance venues.

Events

Downtown is home to a wide array of entertaining events for locals and visitors alike. Whatever your interests, the urban core will have something for you. Below is a list of some of the most popular, recurring events happening Downtown.

Downtown Jacksonville Art Walk: Produced by Downtown Vision, Inc. and held each month on the First Wednesday of every month, from 5 p.m. to 9 p.m.—rain or shine. Art Walk spans more than 15 blocks that include more than 40 galleries, museums, cultural venues, restaurants, bars and businesses, plus dozens of artists in Hemming Park, street performers and live music.

Jacksonville Jazz Festival: Each Memorial Day weekend, local enthusiasts and jazz aficionados from around the world unite at the Jacksonville Jazz Festival to celebrate the music, art, and culture of America's music! Check out the festival history for more on the legacy of the event.

Florida vs Georgia Football Game: The annual Florida-Georgia rivalry is an iconic national event that brings the Jacksonville community together to celebrate college football like no other city in the country. A time-honored tradition since 1933, it has become a showcase for one of the rivalries that make college football great. Check out the event's history for more information on this yearly-anticipated weekend. nd retired military units, veterans groups, local high school marching bands, military organizations, decorative floats, giant balloons, JROTC units and more!

Things to do in Jacksonville, Florida

Veterans Day Parade: The Jacksonville Veterans Day Parade is one of the largest parades in the Southeast. This patriotic parade features more than 4000 participants including grand marshals, senior military officials, active- duty and retired military units, veterans groups, local high school marching bands, military organizations, decorative floats, giant balloons, JROTC units and more!

4th of July Fireworks: Each year, the St. Johns River in Downtown Jacksonville transforms into a glistening stage for fireworks, live music, and more. The annual Fourth of July Celebration Downtown includes live performances, family-friendly activities, food and drinks, and fireworks over the river.

World of Nations Celebration: The World of Nations Celebration is an International and multicultural festival of arts, cuisine, and music. The celebration provides festival-goers with wonderful sights, sounds, and tastes from a diverse array of nations, all within their reach. Each year, the celebration hosts dozens of booths featuring arts and crafts as well as authentic food from various world nations.

Jacksonville Light Boat Parade: Each year, determined participants deck their hulls and kick off the holiday season on the St. Johns River as thousands of spectators view the parade along the North and South banks. Captains and crews of motor-assisted vessels of all shapes and sizes are invited to participate in the Jacksonville Light Boat Parade.

Greater Jacksonville Agricultural Fair: The Greater Jacksonville Agricultural Fair is the largest fair/festival in northeast Florida and is currently ranked 47th in the United States by Amusement Business. This family-friendly event offers various attractions, rides, and food for visitors of all ages to enjoy. Check out the [fair's history](#) for more on the importance of the event.

TEDxJacksonville Annual Conference: TEDxJacksonville — created in the spirit of [TED](#)'s mission of ideas worth spreading — programs events year-round with an annual live, local, and thought-provoking conference. Their goal is to open minds with inspiring ideas.

Gate River Run: The Gate River Run, now in its 42nd year, is brought to you each year by JTC Running, a non-profit organization dedicated to running and physical fitness in Northeast Florida since 1975. Each year, locals and country-wide visitors gather for this official USA 15K Championship Race. The course runs through Downtown Jacksonville, crosses over our most iconic bridges and ends with a finish line at the TIAA Bank Field. Last year, 15,800 runners participated in this iconic event. Check out [additional event information](#) for details on this year's race.

Jacksonville International Auto Show: Located at the Prime F. Osborn III Convention Center, the Jacksonville International Auto Show is the premier showcase of the newest model year import and domestic vehicles — cars, vans, crossovers, hybrids, light trucks and sport utilities.

Taxslayer Gator Bowl: The Gator Bowl — operated by Gator Bowl Sports — is an annual college football bowl game held in the TIAA Bank Field in Downtown. It has been held continuously since 1946, making it the sixth oldest college bowl, as well as the first one ever televised nationally.

Monster Jam: Monster Jam is an adrenaline-charged family event featuring some of the most famous trucks in the world. Each year, residents and visitors gather at the TIAA Bank Field to witness these massive mechanical beasts compete against one another. Don't forget your earplugs!

Notes



THE SOCIETY FOR
MODELING & SIMULATION
INTERNATIONAL™

SERVING M&S FOR OVER  YEARS



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