

2024

USERS GROUP MEETING

MONDAY, JULY 29, 2024 | MIAMI, FL



6:00 - 8:00 PM

Welcome Reception - Hyatt Regency Miami Hotel

2024

USERS GROUP MEETING

TUESDAY, JULY 30, 2024 | MIAMI, FL



7:00 - 8:00 am	Registration & Breakfast
8:00 - 8:30 am	Welcome to UGM 2024 Art Wharton, Studsvik Scandpower, Inc. President
8:30 - 9:00 am	Opening Remarks Camilla Hoflund, Studsvik CEO
9:00 - 10:00 am	Keynote - The New Frontier Scott Thomas, Duke Energy
10:00 - 10:30 am	BREAK
10:30 - 11:00 am	Developing a new Monte Carlo Code for Commerical Use: Project Peacock Joel Rhodes, Studsvik Scandpower, Inc. Rodolfo Ferrer, Studsvik Scandpower, Inc.
11:00 - 11:30 am	CASMO5 Nuclear Data Uncertainty and Other Developments Joshua Hykes, Studsvik Scandpower, Inc.
11:30 - 12:00 pm	Using CASMO5 for Criticality Safety Analysis in Final Disposal Po-Feng Lin, NARI
12:00 - 1:30 pm	LUNCH / FOCUS GROUPS
1:30 - 2:00 pm	Recent development and benchmarking activities with SIMULATE5 Tamer Bahadir, Studsvik Scandpower, Inc.

2024

USERS GROUP MEETING

TUESDAY, JULY 30, 2024 | MIAMI, FL



2:00 - 2:30 pm

Application of CMS5 to Holtec SMR-300 core analysis
Laith Zaidan, Holtec

2:30 - 3:00 pm

Coupling of boiling water reactor core loading pattern optimization system FINELOAD-3 with SIMULATE5
Akihiro Fukao, TEPCO Systems Corporation

3:00 - 3:30 pm

Reactivity Initiated Accidents: benchmark and development in SIMULATE5-K
Gerardo Grandi, Studsvik Scandpower, Inc.

3:30 - 4:00 pm

BREAK

4:00 - 4:30 pm

Modeling of Boron and Axial Offset using GARDEL
Brandon Clark, Studsvik Scandpower, Inc.

4:30 - 5:00 pm

Reactor Engineering Interface
Efaz Haque, Constellation

5:00 - 5:30 pm

Incorporation of the subchannel thermal hydraulics analysis code NASCA into the CMS5 code system for BWR core simulations
Reiji Ikeda, TEPCO Systems Corporation

5:30 - 6:00 pm

Closing Remarks
Art Wharton, Studsvik Scandpower, Inc. President

No evening event scheduled

2024

USERS GROUP MEETING

WEDNESDAY, JULY 31, 2024 | MIAMI, FL



7:00 - 8:00 am	Registration & Breakfast
8:00 - 8:30 am	Opening Remarks Art Wharton, Studsvik Scandpower, Inc. President
8:30 - 9:00 am	Developing a new Monte Carlo Code for Commerical Use: Peacock Results to Date William Dawn, Studsvik Scandpower, Inc.
9:00 - 9:30 am	Further development of the CMS5 models for Ringhals 3 and 4 Hongwu Cheng, Vattenfall AB
9:30 - 10:00 am	CMS5 Use at AXPO Alejandro Noël, AXPO
10:00 - 10:30 am	BREAK
10:30 - 11:00 am	Best estimated uncertainty in decay heat power with SNF code Teodosi Simeonov, Studsvik Scandpower, Inc.
11:00 - 11:30 am	Comparative Analysis of Spent Nuclear Fuel Calculations in Taiwan's BWR and PWR Using SNF and SCALE6.2 Tai-Ting Huang, NARI
11:30 - 12:00 pm	Dominion SNF Matthew Giffin, Dominion Energy
12:00 - 1:30 pm	LUNCH / FOCUS GROUPS

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USERS GROUP MEETING

WEDNESDAY, JULY 31, 2024 | MIAMI, FL



1:30 - 2:00 pm

Coupled Codes Using CONCORDS

Jeffrey Borkowski, Studsvik Scandpower, Inc.

2:00 - 2:30 pm

Studsvik Scandpower U.S. NRC Topical Report Update

Phil Sharpe, Studsvik Scandpower, Inc.

2:30 - 3:00 pm

Understanding and application of the spent fuel uncertainties evaluated by CMS5/SNF

Teo Simeonov, Studsvik Scandpower, Inc.

3:00 - 3:30 pm

CEG CMS and GARDEL Implementation Update

Jason Ruzic, Constellation

3:30 - 4:00 pm

BREAK

4:00 - 4:30 pm

Water chemistry capabilities in SIMULATE5

Ulrik Svensson, Studsvik Scandpower, Inc.

4:30 - 5:00 pm

COPERNICUS: An Optimization Plug-In for CMSBuilder

Tung Nguyen, Studsvik Scandpower, Inc.

5:00 - 5:30 pm

Control rod worth measurements using SIMULATE-5K

Ulrik Svensson, Studsvik Scandpower, Inc.

5:30 - 6:00 pm

Closing Remarks

Art Wharton, Studsvik Scandpower, Inc. President

7:00 - 10:00 pm

Evening Social Event - Boat Cruise & Dinner

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USERS GROUP MEETING

THURSDAY, AUGUST 1, 2024 | MIAMI, FL



7:00 - 8:00 am

Registration & Breakfast

8:00 - 8:30 am

Opening Remarks

Art Wharton, Studsvik Scandpower, Inc. President

8:30 - 10:00 am

Product Demonstration - Live Demo of GARDEL

Phil Sharpe, Studsvik Scandpower, Inc.

10:00 - 10:30 am

BREAK

10:30 - 12:00 pm

Product Demonstration - Live demo of CMSBuilder

Phil Sharpe, Studsvik Scandpower, Inc.

12:00 - 12:15 pm

Closing Remarks

Art Wharton, Studsvik Scandpower, Inc. President

Lunch on own