

Studsvik Scandpower

UGM MEETING AGENDA

Title: 2026 User Group Meeting
Location: Westin Riverwalk San Antonio
Date: 7/27/2026

Start	End	Time	Description
6:00 PM	6:30 PM	0:30	Registration <i>Olivares / Goraz Rooms (River Level)</i>
6:00 PM	9:00 PM	3:00	Welcome Reception <i>Olivares / Goraz Rooms (River Level)</i>

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UGM MEETING AGENDA - DAY 1

Title: 2026 User Group Meeting
Location: Westin Riverwalk San Antonio (Hildago Room)
Date: 7/28/2026

**On demand product demonstrations for Peacock, Reactivity Computer, and GARDEL will be made available during the UGM*

Start	End	Time	Description	Presenter	Company
7:30 AM	9:00 AM	1:30	Breakfast		
9:00 AM	9:25 AM	0:25	Welcome to UGM 2026	Art Wharton	Studsvik Scandpower
9:25 AM	10:05 AM	0:40	Keynote Speech	Seth Grae	Lightbridge Corporation
10:05 AM	10:30 AM	0:25	Supporting advanced LWR fuel designs in CASMO5	Joshua Hykes	Studsvik Scandpower
10:30 AM	11:00 AM	0:30	BREAK		
11:00 AM	11:25 AM	0:25	Recent SIMULATE5 Development Activities	Tamer Bahadir	Studsvik Scandpower
11:25 AM	11:50 AM	0:25	Peacock Development Update: Displaying the Train	Chuck Wemple	Studsvik Scandpower
11:50 AM	12:15 PM	0:25	Application of HELIOS-2 for Lightbridge Fuel Design	Nicolas Martin	Lightbridge Corporation
12:15 PM	12:40 PM	0:25	Harris 1 Cycle 27 BOC 100% Flux Map Problems	Damon Bryson	Duke Energy
12:40 PM	2:10 PM	1:30	LUNCH		
2:10 PM	2:35 PM	0:25	CMS5 improvements for PWR Control Rod Ejection and BWR Control Rod Drop analysis	Gerardo Grandi	Studsvik Scandpower
2:35 PM	3:00 PM	0:25	S5K FRIGG Benchmarking	Bailey Painter	Studsvik Scandpower
3:00 PM	3:25 PM	0:25	S5 SDM Methodology Validation	Petra Malá	Studsvik Scandpower
3:25 PM	3:50 PM	0:25	WSES-3 Excessive Tilt Investigation	Ralph E. Griffith	Entergy
3:50 PM	4:20 PM	0:30	BREAK		
4:20 PM	4:45 PM	0:25	Benchmarking CMS5 for SMR Applications: The LDR-Lite Benchmark	Emiliya Georgieva	Studsvik Scandpower
4:45 PM	5:10 PM	0:25	Verification and Validation of CMS5 for the Holtec SMR-300	Laith Zaidan	Holtec SMR
5:10 PM	5:15 PM	0:05	Closing Remarks	Melanie Joseph	Studsvik Scandpower
			No evening event scheduled		

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UGM MEETING AGENDA - DAY 2

Title: 2026 User Group Meeting
Location: Westin Riverwalk San Antonio (Hildago Room)
Date: 7/29/2026

**On demand product demonstrations for Peacock, Reactivity Computer, and GARDEL will be made available during the UGM*

Start	End	Time	Description	Presenter	Company
7:30 AM	9:00 AM	1:30	Breakfast		
9:00 AM	9:25 AM	0:25	Studsvik Scandpower Overview	Keith Drudy	Studsvik Scandpower
9:25 AM	9:50 AM	0:25	SSP Partnerships	Keith Drudy Zach McDaniel	Studsvik Scandpower Framatome
9:50 AM	10:15 AM	0:25	GARDEL Development Update	Nestor Patiño Claudio Oña	Studsvik Scandpower
10:15 AM	10:40 AM	0:25	PRISM - A Reactivity Computer for PWR Startup Physics Tests	Ulrik Svensson	Studsvik Scandpower
10:40 AM	11:10 AM	0:30	BREAK		
10:40 AM	11:05 AM	0:25	Automatic Core Shuffling Algorithm for Boiling Water Reactors	Giorgio Malavasi	AXPO
11:05 AM	11:30 AM	0:25	CONCORS: Coupled Code Applications	Matt Adler	Studsvik Scandpower
11:30 AM	11:55 AM	0:25	Engineering Applications Status, Support, and Training	Stephen Luther	Studsvik Scandpower
11:55 AM	12:20 PM	0:25	CMSBuilder Update	Christian Oyarzun	Studsvik Scandpower
12:20 PM	1:50 PM	1:30	LUNCH		
1:50 PM	2:15 PM	0:25	The Shuffling Algorithm Used in MARLA	Dave Knott	Studsvik Scandpower
2:15 PM	2:40 PM	0:25	Application of COPERNICUS for PWR Design Optimization and Analysis	Tung Nguyen	Studsvik Scandpower
2:40 PM	3:05 PM	0:25	Focus on Alva's collaboration with Studsvik to produce an uprated core using Copernicus and CMS5	Andrew Meany	Alva Energy
3:05 PM	3:30 PM	0:25	Advancing SMR Modeling with CMS5 - Current Activities at KIT	Luigi Mercatali	KIT
3:30 PM	4:00 PM	0:30	BREAK		
4:00 PM	4:25 PM	0:25	SNF, Impact of nuclear data libraries on spent fuel characterization.	Teodosi Simeonov	Studsvik Scandpower
4:25 PM	4:50 PM	0:25	Startup evaluation of Kashiwazaki-Kariwa Unit 6 after long-term shutdown with CASMO5/SIMULATE5	Takashi Kanda	TEPSYS
4:50 PM	4:55 PM	0:05	Closing Remarks	Melanie Joseph	Studsvik Scandpower
6:00 PM	9:00 PM		Social Event - Hard Rock Café, San Antonio		

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UGM MEETING AGENDA - DAY 3

Title: 2026 User Group Meeting
Location: Westin Riverwalk San Antonio (Hildago Room)
Date: 7/30/2026

**On demand product demonstrations for Peacock, Reactivity Computer, and GARDEL will be made available during the UGM*

Start	End	Time	Description	Presenter	Company
7:30 AM	9:00 AM	1:30	Breakfast		
9:00 AM	9:10 AM	0:10	Introductory Remarks	Melanie Joseph	Studsvik Scandpower
9:10 AM	9:35 AM	0:25	RIAs (Reactivity Initiated Accidents)	Evelina Persaeter	Vattenfall
9:35 AM	10:00 AM	0:25	Examining Axial Fuel Design Transitions with SIMULATE5	Matthew Rybenski	Duke Energy
10:00 AM	10:25 AM	0:25	Fixed Incore Detector Modeling for Surry	Steve Ehrensberger	Dominion Energy
10:25 AM	10:55 AM	0:30	BREAK		
10:55 AM	12:55 PM	2:00	Customer Feedback Session	Melanie Joseph	Studsvik Scandpower
12:55 PM	1:00 PM	0:05	Closing Remarks	Melanie Joseph	Studsvik Scandpower
1:00 PM	2:30 PM	1:30	LUNCH		
			End of UGM 2026!		