

7/14/2026

Studsvik Scandpower

UGM MEETING AGENDA

Title: 2026 User Group Meeting
Location: Westin Riverwalk San Antonio
Dates: 7/27/2026 - 7/30/2026

Monday, July 27, 2026			
6:00 PM	6:30 PM	Registration	
6:00 PM	9:00 PM	Welcome Reception (Westin RiverWalk Hotel)	
Tuesday, July 28, 2026			
7:30 AM	9:00 AM	Breakfast	
9:00 AM	5:00 PM	Welcome to UGM 2026	Art Wharton, Studsvik
		Keynote Speaker	Seth Grae, Lightbridge Corporation
		Supporting advanced LWR fuel designs in CASMO5	Joshua Hykes, Studsvik
		Recent SIMULATE5 Development Activities	Tamer Bahadir, Studsvik
		Peacock Development Update: Displaying the Train	Chuck Wemple, Studsvik
		Application of HELIOS-2 for Lightbridge Fuel Design	Nicolas Martin, Lightbridge Corporation
		Harris 1 Cycle 27 BOC 100% Flux Map Problems	Damon Bryson, Duke Energy
		CMS5 improvements for PWR Control Rod Ejection and BWR	Gerardo Grandi, Studsvik
		S5K FRIGG Benchmarking	Bailey Painter, Studsvik
		S5 SDM Methodology Validation	Petra Malá, Studsvik
		WSES-3 Excessive Tilt Investigation	Ralph E. Griffith, Entergy
		CMS5 Benchmarking for SMRs (LDR-Lite Benchmark, HFP	Emiliya Georgieva, Studsvik
TBD	Laith Zaidan, Holtec		
Wednesday, July 29, 2026			
7:30 AM	9:00 AM	Breakfast	
9:00 AM	5:00 PM	Studsvik Scandpower Overview	Keith Drudy, Studsvik
		SSP Partnerships	Keith Drudy, Studsvik
			Zach McDaniel, Framatome
		GARDEL Development Update	Nestor Patiño , Studsvik
			Claudio Oña, Studsvik
		Gardel enhancements for BWR reactor engineers	Jody Helland, Xcel Energy
		Automatic Core Shuffling Algorithm for Boiling Water Reactors	Giorgio Malavasi, AXPO
		CONCORS: Coupled Code Applications	Matt Adler, Studsvik
		Engineering Applications Status, Support, and Training	Stephen Luther, Studsvik
		CMSBuilder Update	Christian Oyarzun, Studsvik
		The Shuffling Algorithm Used in MARLA	Dave Knott, Studsvik
		COPERNICUS Update	Tung Nguyen, Studsvik
		Focus on Alva's collaboration with Studsvik to produce an	Andrew Meany, Alva Energy
		Advancing SMR Modeling with CMS5 - Current Activities at KIT	Luigi Mercatali, KIT
SNF, Impact of nuclear data libraries on spent fuel characterization.	Teodosi Simeonov, Studsvik		
Startup performance of Kashiwazaki-Kariwa Unit 6 after long-term shutdown evaluated by CASMO5/SIMULATE5	Takashi Kanda, TEPSYS		
6:00 PM	9:00 PM	Social Evening Event - Hard Rock Café San Antonio	
Thursday, July 30, 2026			
7:00 AM	9:00 AM	Breakfast	
9:00 AM	1:00 PM	Solid to Annular Pellet Interface (SAPI) Power Shapes	Damon Bryson, Duke Energy
		RIAs (Reactivity Initiated Accidents)	Evelina Persaeterm, Vattenfall
		Fixed Incore Detector Modeling for Surry	Steve Ehrensberger, Dominion Energy
		Customer Feedback Session	All

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