Vienna, Austria | September 27 - 28, 2022

2022 European PSS® User Group Meeting

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> Registration Form

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The annual in-person European PSS® User Group Meeting is happening! After almost three years of postponing, we look forward to meeting you and the PSS® Community this September in Vienna, Austria. The event will take place at the Arcotel Wimberger.

Why attend?
Whether you are a PSS® novice or an experienced user, the UGM will provide you with in-depth knowledge to enhance your everyday work. Over the course of the event, you will get to:

- Learn about new & upcoming product enhancements

- Participate in product deep dives covering the most relevant topics

- Discuss your questions and product requirements directly with the product developers

- Discover best practices from fellow product users

- Network with peers during two complimentary evening events

Attendee Feedback from the 2018 and 2019 UGM

100% of users said they were likely or **very likely to attend future UGMs** based on their experience!

"I enjoyed this platform to learn about new developments and hear the issues encountered by others in the industry"
– PSS®E user

"It was invaluable being able to be able to discuss user-specific requirements with the developers"
- PSS®ODMS user

"The whole organization and information sharing was very substantial and valuable"
- PSS®SINCAL user

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Agenda

Join us for several interactive and engaging sessions. Open discussions are encouraged to facilitate best practice sharing and transparency.
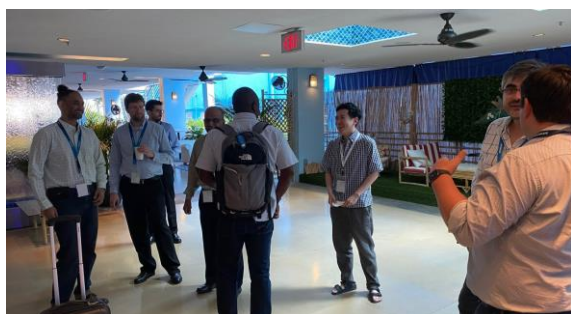
Monday, Sept. 26 from 6 PM - 9 PM CET: Welcome Reception

Tuesday, Sept. 27 from 8:30 AM – 11 AM CET: PSS® Portfolio Plenary Session
11:30 AM – 5 PM CET: PSS®E and PSS®ODMS Sessions (with a few product breakout topics)
11:30 AM – 5 PM CET: PSS®SINCAL Session
5:30 PM – 9 PM CET: Complimentary Special Event (outside of the hotel)

Wednesday, Sept. 28 from 8:30 AM - 5 PM CET: PSS® Product Sessions (above) Continued

SEPT 26 | 6:00 PM – 9:00 PM Meet us in the Foyer (1st floor)

Welcome Reception

Join us at this interactive yet informal event and get an opportunity to meet and greet your fellow users and PSS® Product Team at the hotel. View informal product demonstrations and enjoy complimentary beverages and hors d'oeuvres. The Welcome Reception will take place in the foyer on the first floor.

SEPT 27 | 8:30 AM – 10:30 AM | Meet us in the Boheme Room

PSS® Plenary Session

Time	Abstract	Speakers
8:30 AM	**Registration, coffee and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
9:00 AM	**Welcome and Introduction to PSS® User Group Meeting** Welcome back to meet the PSS® team and community in-person! During this session, you will learn what is in store for the next two days, meet the PSS® team and more.	Dominic Kohler, Head of Product Management for PSS®, and the PSS® Team
9:30 AM	**Speed Networking: Meet your fellow peers** Take a few minutes to meet new fellow PSS® Users.	Audience Participation
10:00 AM	**What's new in the PSS® Portfolio** Don't miss this exciting session! You will get to learn about the latest development around the PSS® Portfolio, including the introduction to our Grid Software design principles.	Norbert Jung, Head of Product Management for Grid Software, & Dominic Kohler, Head of Product Management for PSS®
10:30 AM	**Morning Coffee Break** and split into dedicated PSS® Sessions	

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SEPT 27 | 11:00 AM – 5:00 PM | Meet us in the Boheme Room

PSS®E / PSS®ODMS Session

Time	Abstract		Speakers
11:00 AM	**PSS®E Core Enhancements and Deep Dives** Learn about the most recent development highlights to the PSS®E Core Functionality (up to v35.4) including RAWX, Node-Breaker, Contingency Analysis and Plotting. Also have a look at what is upcoming (v36.0). View demonstrations and discuss.		Amar Patel, Product Manager Joe Hood, Senior Engineer Jay Senthil, Senior Engineer
12:30 PM	**Lunch**		
1:30 PM	**PSS®E Dynamics Updates** During this session, you will learn about the latest developments with the Dynamics module.		Amar Patel, Product Manager Joe Hood, Senior Engineer Jay Sentil, Senior Engineer
2:00 PM	**PSS®E Automation and Scripting** Learn about best practices for PSS®E automation and scripting including commonly asked questions		Amar Patel, Product Manager Joe Hood, Senior Engineer Jay Sentil, Senior Engineer
2:30 PM	**User Presentation: The Power of Python and PSS®E** Learn how this customer is leveraging Python-based tools to fully integrate workflows end-to-end, reducing manual interaction, and more.		David Tuffery, Phillip Moseley Nationalgrid, UK .
3:00 PM	**Afternoon Coffee Break**		
	Stay in the Boheme room		**Meet us in the Ernani room**
3:30 PM	**New Time Series Power Flow Add-on Module** Deep-dive into the new Time Series Power Flow module. This new module automates the analysis of consecutive calculations which consider multiple time-points.	Amar Patel, Product Manager Joe Hood, Senior Engineer Jay Senthil, Senior Engineer	**PSS®ODMS CGMES Interactive Technical Workshop** This workshop will include an open forum for detailed discussion and demonstrations best practices and issues related to CGMES
4:15 PM	**New Harmonics Add-on Module** Deep-dive into the new Harmonics module. With this new module, you can easily determine and compare harmonics distortion levels to industry standards.	Amar Patel, Product Manager Joe Hood, Senior Engineer Jay Senthil, Senior Engineer	Sindre Hunn, Solution Engineer Sam Phillipson, Solution Architect
5:00 PM	**End of Day 1**		

Join us for a Complimentary Networking Event: Guided Bus Tour & Dinner		
5:30 PM	9:00 PM *end time is subject to change	**Special Event** Enjoy a relaxing night while networking with the PSS® Community. Explore the city on a 90-mintes guided bus tour and enjoy the beauty of Vienna. The tour starts at 5:30 PM at the hotel and ends at 7:00 PM at our dinner location located next to the hotel. Enjoy a welcome drink and an Austrian dinner buffet at the "Handwerk Restaurant" !

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SEPT 28 | 8:30 AM – 5:00 PM | Meet us in the Boheme Room

PSS®E / PSS®ODMS Session

Time	Abstract		Speakers	
8:30 AM	**Registration, coffee and networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.			
9:00 AM	**PSS®ODMS 13.0 highlights and 13.1 preview** Learn more about the latest development in PSS®ODMS, including CGMES 3.0, extended PSS®E rating mapping, support on new PSS®E dynamic models, store/load N-1 contingencies and more to come in the upcoming 13.1 release.		Sam Phillipson, Solution Architect	
10:00 AM	**Amprion's Story: our ODMS approach** With the target to improve operational data exchange we implemented the ODMS as central CIM-Cache and connect it with new developed fully automated WebServices to the existing applications. This enables us to create a consolidated, validated, standardized and company wide Use Case driven network model.		Michael Korwitz, Amprion Gmbh	
10:30 AM	**Morning Coffee Break**			
11:00 AM	**Coordinated Security Analysis with the PSS®ODMS Automated Case Creation module** In this session, we will explore and demonstrate automated contingency analysis and interface with PSS®E in the context of D-1 and D-2 operational planning offered as part of the module.		Sindre Hunn, Solution Engineer Sam Phillipson, Solution Architect	
12:30 PM	**Lunch**			
1:30 PM	**PSS®E Renewables Workshop and Discussion** In this session, we will take a deep dive into all things PSS®E renewables in power flow, short circuit and dynamics including modeling, use cases, and demonstrations. Users will have an opportunity to share their thoughts, experiences, and feedback about the industry trends and needs that they see.		Amar Patel, Product Manager Joe Hood, Senior Engineer Jay Sentil, Senior Engineer	
3:00 PM	**Afternoon Coffee Break**			
	Stay in the Boheme room		**Meet us in the Ernani room**	
3:30 PM	**PSS®E Users Choice: Q&A and Open Discussion** Join us as we close out the event with an open forum and feedback session. This is your chance to bring up your most pressing questions to the PSS® Team. Any topics not covered throughout the event, will be covered here.	All and PSS®E team	**PSS®ODMS Users Choice: Q&A and Open Discussion** Join us as we close out the event with an open forum and feedback session. This is your chance to bring up your most pressing questions to the PSS® Team. Any topics not covered throughout the event, will be covered here.	All and PSS®ODMS team
5:00 PM	**End of Day 2**			

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PSS®SINCAL Session

Time	Abstract	Speakers
11:00 AM	**Welcome and PSS®SINCAL Team Introduction** Introduction of users and PSS®SINCAL product team. Let us know your expectations.	Mathias Ramold PSS®SINCAL Product Manager and Team
11:30 AM	**What's new in PSS®SINCAL version 18.0 and 18.5** During this session, you will hear directly from the product team an overview of the major changes, improvements and new functionalities of the current and the previous release.	Mathias Ramold PSS®SINCAL Product Manager Kaspar Hitzelberger PSS®SINCAL Product Owner
12:30 PM	**Lunch**	
1:30 PM	**Continue: What's new in PSS®SINCAL version 18.0 and 18.5** Including live demonstration and direct answers to your questions.	Mathias Ramold PSS®SINCAL Product Manager Kaspar Hitzelberger PSS®SINCAL Product Owner
2:30 PM	**Network Model Management for Distribution** Introduction and demonstration of network model management for transmission systems models. Open discussion: How are you organizing the processes around distribution network model management?	Sindre Hunn, Dominic Kohler, Mathias Ramold, Kaspar Hitzelberger
3:00 PM	**Afternoon Coffee Break**	
3:30 PM	**PSS® Ideas Portal and PSS®SINCAL Xplore** Learn about the PSS® Ideas Portal and how can you use it to influence future developments. In addition, learn about PSS®SINCAL Xplore and how you can leverage it!	Mathias Ramold PSS®SINCAL Product Manager
3:45 PM	**New Thermal Destruction Analysis Module (TDA)** Get an introduction and demonstration to the new module and its key features. The module enables network planners to fully automate thermal destruction analysis based on short-circuit calculations or, for the protection engineer, based on the protection concept including the highly detailed setting parameters.	Ata Moghim Khavari PSS®SINCAL Technical Sales Christian Grosskinsky PSS®SINCAL Product Owner
4:30 PM	**Q&A Session Day 1** We will end the first day with the opportunity to ask questions and get answers from the team. You are also welcome to share your current challenges and topics with us.	All
5:00 PM	**End of Day 1**	

Join us for a Complimentary Networking Event: Guided Bus Tour & Dinner		
5:30 PM	9:00 PM *end time is subject to change	**Special Event** Enjoy a relaxing night while networking with the PSS® Community. Explore the city on a 90-minute guided bus tour and enjoy the beauty of Vienna. The tour starts at 5:30 PM at the hotel and ends at 7:00 PM at our dinner location located next to the hotel. Enjoy a welcome drink and an Austrian dinner buffet at the "Handwerk Restaurant" !

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SEPT 28 | 8:30 AM – 5:00 PM | Meet us in the Arabella room

PSS®SINCAL Session

Time	Abstract	Speakers
8:30 AM	**Registration, Coffee and Networking** Get a chance to roam around with a cup of coffee and connect with your fellow users before starting of the event.	
9:00 AM	**Extensions in the Protection Functions** In this session, we will have a look at the new developments and extensions of protection functionality in versions 18.5 and 18.0.	Christian Grosskinsky PSS®SINCAL Product Owner
10:30 PM	**Morning Coffee Break**	
11:00 AM	**Dynamic Voltage Support** Converters do neither behave like synchronous generators nor like constant current source during short circuits in electrical grids. PSS®SINCAL offers a voltage depending short circuit current contribution of converter driven plants (incl. live demonstration)	Christian Grosskinsky PSS®SINCAL Product Owner
11:30 AM	**Meter Data in Time Series Simulation** Learn how to leverage time series data (e.g. meter or forecast data, switching states) in grid simulation for planning and operational planning tasks. Deep-dive into the use case of integrating meter data into simulation, result visualization, and how to reduce technical losses.	Kaspar Hitzelberger PSS®SINCAL Product Owner
12:30 PM	**Lunch**	
1:30 PM	**Time Series Database Manager** In this session, we will introduce a software solution created to build PSS®SINCAL Time Series Database from several source types containing timestamped meter data. Beyond the actual functionality we will show our development plan and we will wait for your comments.	Robert Vuleta L&MARK Informatika
2:00 PM	**Protection in dynamic stability calculation** A use case is demonstrated which shows the strength of combining protection and dynamic simulation. The use case is about detecting earth faults in a compensated network. Therefore an earthing resistor at the neutral point of a transformer is switched off and on in order to increase the active current in the network to support the protection system detecting the earth fault.	Martin Larsson PTI Nordic
2:30 PM	**Preview: Revisited and Enhanced Module Optimal Branching** In upcoming version 19.0 the module Optimal Branching will be released with new workflow and algorithm. Get a preview and feel free to provide us feedback.	Christian Grosskinsky PSS®SINCAL Product Owner Mathias Ramold PSS®SINCAL Product Manager
3:00 PM	**Afternoon Coffee Break**	
3:30 PM	**Preview: Revisited Contingency Analysis Module** In this session, we would like to discuss with you the new approach for addressing the future functional requirements for contingency analysis and resupply in your grid planning and operational planning processes.	Kaspar Hitzelberger PSS®SINCAL Product Owner Anatoli Wellhöfer PSS®SINCAL Product Owner Mathias Ramold PSS®SINCAL Product Manager
4:15 PM	**Users Choice: Q&A and Open Discussion** Join us as we close out the event with an open forum and feedback session. This is your chance to bring up your most pressing questions to the PSS® Team. Any topics not covered throughout the event, will be covered here.	All and PSS®SINCAL Team
5:00 PM	**End of Day 2**	

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Have a question?

> **Visit the PSS® User Group Meeting website for more information:**

www.siemens.com/pss-ugm

> **Questions or Comments? Email us!**

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