

Radioisotope Production at SNS (RIPS) Workshop

September 27-28, 2023

[Microsoft Teams Link](#)

Meeting ID: 217 698 581 259

Passcode: WeqxUe

Website: <https://conference.sns.gov/event/390/>

Agenda as of 9/26/2023

All Times EDT (UTC - 4)

Event Contact	Contact: Justin Griswold,(ofc) 865-241-5265;(cell) 865-806-5245; griswoldjr@ornl.gov Admin: Shanel Thomas,(ofc) 865-576-6867;(cell) 865-292-3762; thomassj@ornl.gov	
Wednesday - September 27, 2023 Beech River Conference Room (Bldg. 1520, Rm. 202)		
Time	Topic	Speaker
7:45 - 8:00 AM	Invited Guests Meet at Visitor Center (Bldg. 5200)	
8:00 - 8:15 AM	Breakfast/Meet and Greet	
8:15 - 8:35 AM	Opening Remarks	Jeremy Busby, Jens Dilling, Susan Hogle, and Fulvia Pilat
8:35 - 8:50 AM	RIPS Concept, Workshop Introduction, and Objectives	Justin Griswold
8:50 - 9:10 AM	SNS and PPU Overview	Sang-ho Kim and Sarah Cousineau
9:10 - 9:30 AM	Accelerator Produced Radioisotope Landscape	Arne Freyberger

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Wednesday - September 27, 2023 Beech River Conference Room (Bldg. 1520, Rm. 202)		
Time	Topic	Speaker
9:30 - 9:50 AM	CERN-MEDICIS programme and upgrade plans at ISOLDE	Thierry Stora
9:50 - 10:10 AM	Radioisotope Production at ILL	Ulli Koster
10:10 - 10:20 AM	Coffee Break and Snacks	
10:20 - 10:40 AM	Medical Isotopes at MYRRHA and SCK CEN	Lucia Popescu
10:40 - 11:00 AM	Isotope Production at PSI	Dorothea Schumann
11:00 - 11:20 AM	Radioisotope Production at TRIUMF	Alexander Gottberg
11:20 - 11:40 AM	Secondary Neutron Production Evidence in TREND Experiments	Catherine Apgar
11:40 AM -12:00 PM	Radioisotope Production at BNL	Dmitri Medvedev
12:00-1:00 PM	Guided Small Group Discussions	RIPS Team
1:00-1:20 PM	Radioisotope Production at FRIB	Greg Severin
1:20-1:40 PM	Radioisotope Production at LANL	Etienne Vermeulen

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Wednesday - September 27, 2023 Beech River Conference Room (Bldg. 1520, Rm. 202)		
Time	Topic	Speaker
1:40-2:00 PM	Radioisotope Mass Separation Strategies	Brian Egle
2:00-2:20 PM	Nuclear Battery Program and Possible Uses of SNS Produced Radioisotopes	Brad Johnson
2:20-2:40 PM	Facility Considerations/Integration with RPF	Mike Farrar
2:40-3:00 PM	Snack Break	
3:00-3:30 PM	Objective 1: Unique Radioisotopes	All
3:30-4:00 PM	Objective 2: Isotope Separation Techniques	All
4:00-4:30 PM	Objective 3: Technological Challenges	All
4:30-5:00 PM	Objective 4: Regulatory Challenges	All
5:00-5:30 PM	Closeout	All
6:00-9:00 PM	Offsite Dinner – Calhoun’s Oak Ridge 100 Melton Lake Peninsula, Oak Ridge, TN 37830 Dinner Presentation: “Additional Science Missions and Applications at the SNS” – Fulvia Pilat	

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Thursday - September 28, 2023 Spallation Neutron Source (Buildings 8600 area)		
Time	Topic	Speaker
8:00 - 11:00 AM	Spallation Neutron Source Tours	