

## SNS Accelerator Advisory Committee Meeting

### Agenda as of May 4, 2018

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**Tuesday, May 15, 2018**

Time	Length	ID	Event	Lead	Location
7:30-8:00 am	30		<i>Badging at the Guest House for the U.S. Citizens Badging at the Visitor Center for the Foreign Nationals</i>	Committee	
8:00-8:30 am	30		Executive Session	Committee / Fulvia Pilat	C-156
8:30-8:50 am	20	P1	Directorate Perspective – Neutron Sciences Directorate (NScD) Overview	Paul Langan, Associate Lab Director, NScD	C-156
8:50-9:20 am	30	P2	Accelerator and Target Systems Management Overview and Responses to 2017 AAC Recommendations	Fulvia Pilat, Director, Research Accelerator Division (RAD)	C-156
9:20-9:50 am	30	P3	Spallation Neutron Source (SNS) Operations Performance Metrics	Glen Johns, Group Leader, Accelerator Operations	C-156
9:50-10:05 am	15		Discussion	All	C-156
10:05 – 10:25 am	20		<i>Morning Refreshment Break</i>	<i>All</i>	
10:25-11:05 am	40	P4	Overview of Proton Power Upgrade (PPU) and Second Target Station (STS) Projects	John Galambos, Director, SNS Upgrades Office	C-156
11:05-11:45 am	40	P5	Status of Technical Initiatives to Support 1.4 MW Reliable Operations	Sarah Cousineau, Group Leader, Beam Science and Technology (BeST)	C-156
11:45 am – 12:15 pm	30	P6	Overview of Target Status for the First Target Station	Mark Wendel, Group Leader, Source Development and Engineering Analysis	C-156
12:15-1:15 pm	60		<i>Working Lunch / Report on PPU Upcoming Reviews</i>	<i>Pick up lunch in C-150 and return to C-156 to eat</i>	C-150
1:15-1:55 pm	40	P7	Overview of Inner Reflector Plug (IRP) Issues	Graeme Murdoch, Director, Neutron Technologies Division (NTD)	C-156
1:55-2:15 pm	20		Discussion	All	C-156
2:15-2:35 pm	20		<i>Afternoon Refreshment Break</i>	<i>All</i>	
2:35-2:55 pm	20	P8	Accelerator Improvement Project (AIP) Investment Strategy	George Dodson, Deputy Director, RAD	C-156
2:55-3:15 pm	20	P9	Outage Planning	Glen Johns, Group Leader, Accelerator Operations	C-156
3:15-3:55 pm	40		Discussion	All	C-156

**Tuesday, May 15, 2018 (cont.)**

Time	Length	ID	Event	Lead	Location
3:55-5:30 pm	95		Executive Session / Adjourn at 5:30 pm	Committee only, others at Committee request	C-156
6:00-8:00 pm	120		<i>Dinner and Discussion led by Fulvia Pilat, Topic: Accelerator Science &amp; Engineering at ORNL – at Lakeside Tavern in Knoxville</i>	Committee and Presenters	Private Room

**Wednesday, May 16, 2018**

Time	Length	ID	Event	Lead	Location
8:00-9:30 am	90		Tour of SNS Accelerator / Target Facilities. Depart from Conf. Room C-156.	George Dodson / Mike Baumgartner, Group Leader, Mechanical Systems & Operations	C-156
9:30-10:00 am	30		Executive Session	Committee Only	C-156

**Accelerator Breakout Sessions**

10:00-10:20 am	20	A1	The R&D Plan	Sarah Cousineau, BeST	C-156
10:20-10:40 am	20	A2	Beam Test Facility Performance Update	Sasha Aleksandrov, Team Leader, BeST	C-156
10:40-11:00 am	20		<i>Morning Refreshment Break</i>	<i>All</i>	
11:00-11:20 am	20	A3	Linac Beam Dynamics: Measurement and Simulation	Andrei Shishlo, Accelerator Physics	C-156
11:20-11:40 am	20	A4	Laser Stripping Experiment Status	Yun Liu and Abdurahim Rakhman, Beam Instrumentation & Experimental Technology	C-156
11:40 am–noon	20	A5	Stripper Foil R&D	Nick Evans, Accelerator Physics	C-156
12:00-1:00 pm	60		<i>Working Lunch / Long Range Plan for SNS</i>	<i>All</i>	C-150
1:00-1:20 pm	20	A6	Self-Consistent Beam Distribution	Jeff Holmes, Accelerator Physics	C-156
1:20-1:40 pm	20	A7	SCL Status, SRF Activities	Sang-ho Kim, Group Leader, Superconducting Linac Systems (SCLS)	C-156
1:40-2:00 pm	20	A8	Controls Status and Machine protection (MPS) Upgrade	Karen White, Group Leader, Control Systems	C-156
2:00-2:20 pm	20	A9	Status of Accelerator RF Systems	John Moss, Manager, High-Power RF	C-156
2:20-2:40 pm	20		Discussion	All	C-156
2:40-3:00 pm	20		<i>Afternoon Refreshment Break</i>	<i>All</i>	

**Wednesday, May 16, 2018 (cont.)**

Time	Length	ID	Event	Lead	Location
<b>Accelerator Breakout Sessions (cont.)</b>					
3:00-3:20 pm	20	A10	Beam Diagnostics Systems, Status and Upgrade	Sasha Aleksandrov	C-156
3:20-3:40 pm	20	A11	Status of Linac High Voltage Converter Modulator Upgrades	Dave Anderson, Manager, High Voltage & Pulsed Power	C-156
3:40-4:00 pm	20	A12	AC Power Distribution Systems	Kevin Norris, Manager, Electrical Power Systems, Accelerator & Target Support & Instrument Development; and Robert Eason, Engineering - Site Operations	C-156
4:00-4:55 pm	55		Discussion	All	C-156
4:55-5:35 pm	40		Break	All	C-156
5:35-6:05 pm	30		Executive Session / Questions for SNS Management	Committee only, Others at Committee request	C-156
6:05-6:35 pm	30		Executive Session	Committee only, Others at Committee request	C-156

**Target Breakout Sessions**

10:00-10:10 am	10	T1	Source Development and Engineering Progress	Mark Wendel, Group Leader, Source Development and Engineering	C-152
10:10-10:40 am	30	T2	PIE Update on Targets	David McClintock, Development	C-152
10:40-11:00 am	20		<i>Morning Refreshment Break</i>	<i>All</i>	
11:00 am-Noon	60	T3	Mercury Target Engineering	Drew Winder, Team Leader, Mercury Target Engineering	C-152
12:00-1:00 pm	60		<i>Working Lunch / Target Strain Mitigation Due to Gas Injection</i>	<i>All</i>	C-152
1:00-1:40 pm	40	T4	Remote Handling in Target Systems	Michael Dayton, Team Leader, Target Systems	C-152
1:40-2:20 pm	40	T5	Inner Reflector Plug Performance and IRP-3 Design	Jim Janney, Target Systems	C-152
2:20-2:50 pm	30	T6	Major Procurements Planning and Vendor Management	Peter Rosenblad, Team Leader, Manufacturing	C-152
2:50-3:10 pm	20		Discussion	All	C-152
3:10-3:30 pm	20		<i>Afternoon Refreshment Break</i>	<i>All</i>	C-152

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## Wednesday, May 16, 2018 (cont.)

Time	Length	ID	Event	Lead	Location
3:30-4:15 pm	45	T7	2 MW Target Development and PPU Upgrade Plans	Bernie Riemer, Team Leader, Development	C-152
4:15-4:45 pm	30	T8	Gas Injection Development	Charlotte Barbier, Development	C-152
4:45-5:15 pm	30		Discussion	All	C-152
5:15-5:35 pm	20		Break	All	
5:35-6:05 pm	30		Executive Session / Questions for SNS Management	Committee only, Others at Committee request	C-156
6:05-6:35 pm	30		Executive Session	Committee only, Others at Committee request	C-156

## Thursday, May 17, 2018

Time	Length	ID	Event	Lead	Location
8:00-10:30 am	2:30		Executive Session / Management Response to Questions	Committee Only	C-156
10:30 – 11:30 am	60		Closeout	All	C-156