



<i>Time</i>	<i>dur.</i>		
9:00		(The entrance of the venue opens)	
9:00	1:15	Registration: for NBI participants	
10:15	0:30	Welcome Address	Y.Oyama
10:15	0:10	Opening Remark	Ishida, Taku (J-PARC/KEK)
10:25	0:20	Welcome to J-PARC	Koseki, Tadashi (J-PARC)
10:45	0:45	Facility Operation Updates & Future Facilities –I	Y.Oyama
10:45	0:45	NuMI–NOVA, BNB, PIP’s Facility Updates/Overview	Zwaska, Robert (Fermilab)
11:30	0:15	Coffee Break	
11:45	1:00	Facility Operation Updates & Future Facilities –II	D.Asner
11:45	0:30	J-PARC Accelerators	Igarashi, Susumu (J-PARC/KEK)
12:15	0:30	J-PARC Neutrino Facility – T2K, T2K2 & Hyper–K	Fujii, Yoshiaki (J-PARC/KEK)
12:45	1:15	Lunch	
14:00	1:30	Facility Operation Updates & Future Facilities –III	Y.Fujii
14:00	0:30	Overview of the LBNF/DUNE Beamline	Papadimitriou, Vaia (Fermilab)
14:30	0:30	J-PARC Neutrino Facility Upgrade	Sekiguchi, Tetruro (J-PARC/KEK)
15:00	0:30	CERN SPS facilities/Beam Dump Facility – SHiP	Calviani, Marco (CERN)
15:30	0:40	Beam Interlock System	F.Megan
15:30	0:20	NuMI beam permit system and experience on rogue pulses	Childress, Sam (Fermilab)
15:50	0:20	J-PARC beam interlock and experience on miss shots	Sakashita, Ken (J-PARC/KEK)
16:10	0:15	Coffee Break	
16:25	1:55	Primary Beamline & Beam Monitors	V. Papadimitriou
16:25	0:30	J-PARC Nu Primary Beamline, Monitors & Upgrade	Friend, Megan (J-PARC/KEK)
16:55	0:20	FNAL Neutrino Beam Monitoring	Hysten, James (Fermilab)
17:15	0:20	J-PARC Nu OTR	Yu, Mitchell (York U.)
17:35	0:20	J-PARC Nu Muon Monitor	Ashida, Yosuke (Kyoto–U.)
17:55	0:25	J-PARC Nu Radioactive Waste Treatment * order exchanged with a monitor talk by S.Jilei	Oyama, Yuichi (J-PARC/KEK)
18:20	1:30	Welcome Reception	
19:50			

<i>Time</i>	<i>dur.</i>		
9:00		(The entrance of the venue opens)	
9:15	1:40	Neutrino Flux Prediction & Hadron Production Measurements	K. Sakashita
9:15	0:20	T2K Neutrino Flux Prediction	Vladisavljevic, Tomislav (Kavli IPMU)
9:35	0:20	VC NuMI Neutrino Flux Prediction	Soplin, Leonidas Aliaga (Fermilab)
		19:35- Chicago	
9:55	0:20	LBNF Neutrino Flux Prediction	Bishai, Mary (BNL)
10:15	0:20	VC Hadron Production Measurement at CERN-NA61	Yoshikazu, Nagai (U. Colodaro Boulder)
		19:15- Boulder	
10:35	0:20	Very low energy beamlines at CERN North area	Charitonidis, Nikolaos (CERN)
10:55	0:15	Coffee Break	
11:10	2:05	Horns	A. Ichikawa
11:10	0:25	T2K horn status & upgrade	Sekiguchi, Tetsuro (J-PARC/KEK)
11:35	0:20	VC T2K horn production	Zimmerman, Eric (U. Colodaro Boulder)
		20:35- Boulder	
11:55	0:25	NuMI-NOVA/LBNF horn	Zwaska, Robert for Crowley, Cory (Fermilab)
12:20	0:30	BNB/T2K horns for high current operation	Bartoszek, Larry (Bartoszek Eng.)
12:50	0:25	Antiproton production horn operation and testing	Lopez Sola, Edmundo (CERN)
13:15	1:15	Lunch : Radiation safety training for Expert tour participants	
14:30	1:35	Decay Volume, Beam Dump & Facility Design	S. Childress
14:30	0:45	Design of the LBNF Target Station, Decay Pipe and Absorber	Tariq, Salman (Fermilab)
15:15	0:30	BDF Facility Design Challenges	Calviani, Marco (CERN)
15:45	0:20	Helium vessel cooling and ventilation system conceptual design	Avigni, Pietro (CERN)
16:05	0:15	Coffee Break	
16:20	1:30	Remote Maintenance	T.Sekiguchi
16:20	0:30	LBNF remote maintenance	Sidorov, Vladimir (Fermilab)
16:50	0:30	Design/operation of the new SPS internal beam dump (TIDVG4) & development of the next generation (TIDVG5)	Calviani, Marco (CERN)
17:20	0:30	J-PARC Nu Beam Window Maintenance	Tada, Masaru (J-PARC/KEK)
17:50	0:30	Wine&Cheese Break	
18:20	1:00 *	Keynote Lecture: NuMI 700kW Operation	Hylen, James (Fermilab) Chaired by Tanaka, Kazuhiro (J-PARC)
19:20			

Wed Sep. 20

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<i>Time</i>	<i>dur.</i>		
9:00		(The entrance of the venue opens)	
9:00	1:25	Registration: for RaDIATE participants	
9:15	1:10	Radiation Protection & Waste Treatments	M.Tada
9:15	0:20	Hadron monitor R&D for LBNF	Sun, Jilei (IHEP)
		*order exchanged with radiation protection talk by Y.Oyama	
9:35	0:25	NuMI/LBNF Radiation Protection	Huyen, James (Fermilab)
10:00	0:25	Radiation & Environmental Issues for BDF	Casolino, Mirkoantonio (CERN)
10:25	0:15	Coffee Break	
10:40	1:40	Neutrino Target & Window	J.Huyen
10:40	0:25	NuMI-NOVA target & window	Ammigan, Kavin (Fermilab)
11:05	0:25	J-PARC Nu target & window	Nakadaira, Takeshi (J-PARC/KEK)
11:30	0:25	LBNF target	Densham, Chris (STFC)
11:55	0:25	BDF target design and prototyping	Lopez Sola, Edmundo (CERN)
12:20	0:45	Move To J-PARC (by JAEA bus)	
13:05	0:40	Lunchbox : Radiation safety training for Expert tour participants	
13:45	3:00	Facility Tour (Nu/RFEF/MLF)	
16:45	0:10	RaDIATE MoU Signing Ceremony	Saito, Naohito (J-PARC Director)
16:55	1:30	Move to Banquet Place + Brief Sightseeing at O-arai Pacific Ocean Seashore	
18:25	3:00	Banquet : Aji-Goyomi Miyata, O-arai	
21:25		Back to Mito/Katsuta/Tokai	

Thu Sep. 21

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<i>Time</i>	<i>dur.</i>		
9:00		(The entrance of the venue opens)	
9:15	0:40	Welcome Address for RaDIATE session	E.Wakai
9:15	0:30	Welcome and Targetry Overview	Futakawa, Masatoshi (J-PARC)
9:45	0:10	RaDIATE Introduction	Hurh, Patrick (Fermilab)
9:55	0:25	Neutron Facilities & HPT Radiation Damage Studies –I	E.Wakai
9:55	0:25	VC SNS	McClintock, David (SNS)
		20:55– Ork Ridge	
10:20	0:50	HPT Radiation Damage Studies, PIE Testing & Techniques –I	E.Wakai
10:20	0:25	VC Graphite micro mechanical studies	Liu, Dong (Oxford)
		21:20– Ork Ridge (?)	
10:45	0:25	VC Micro–Mechanical Studies & Scalability	Hoseman, Peter (Berkely)
		18:45– California	
11:10	0:15	Coffee Break	
11:25	1:35	Neutron Facilities & HPT Radiation Damage Studies –II	M.Teshigawara
11:25	0:25	MLF	Takada, Hiroshi (J-PARC/JAEA)
11:50	0:25	ESS	Lee, Yongjoong (ESS)
12:15	0:20	CSNS and MOMENT project overview and current status	Sun, Jilei (IHEP)
12:35	0:25	Development of the high heat flux component for a fusion reactor	Tokitani, Masayuki (NIFS)
13:00	1:15	Lunch	
14:15	1:15	Nuclear/Rare Process Physics Facilities & HPT Radiation Damage Studies	T.Ishida
14:15	0:25	mu2e target	Densham, Chris (STFC)
14:40	0:25	J-PARC Hadron Experimental Facility	Takahashi, Hitoshi (J-PARC/KEK)
15:05	0:25	Irradiation Material Studies for NSCL and FRIB	Pellemoine, Frederique (MSU)
15:30	0:25	NBI Workshop Wrap-up	T.Nakadaira
15:30	0:15	Summary of the NBI 2017	Ishida, Taku (J-PARC/KEK)
15:45	0:10	Next NBI2019	Calviani, Marco (CERN) Densham, Chris (SFTC)
15:55	0:15	Coffee Break	
16:10	0:45	HPT Radiation Damage Studies, PIE Testing & Techniques –II	D.Senor
16:10	0:25	Beryllium	Kuksenko, Slava (Oxford)
16:35	1:25	Monte Carlo Codes for Radiation Damage Estimation	S.Meigo
16:35	0:20	Introduction of radiation damage estimation in high energy region using the PHITS code	Iwamoto, Yosuke (J-PARC/JAEA)
16:55	0:20	FLUKA	Vlachoudis, Vasilis (CERN)
17:15	0:20	MARS	Mokhov, Nikolai (Fermilab)
17:35	0:25	Inter-comparison	Mokhov, Iwamoto, Vlachoudis
18:00			

Fri Sep. 22

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* US-JP beam (Nakadaira/Zwaska) program as parallel meeting

<i>Time</i>	<i>dur.</i>		
9:00		(The entrance of the venue opens)	
9:15	1:35	Novel Materials for Targetry Application	P.Frederique
9:15	0:25	Nano-fiber material	Bidhar, Sujit (Fermilab)
9:40	0:25	Ductile Tungsten alloy	Kurishita, Hiroaki (KEK)
10:05	0:25	SiC/SiC Composite & SiC-Coated Graphite	Makimura, Shunsuke (J-PARC/KEK)
10:30	0:20	PNNL (Graphite/Ti)	Cassela, Andy (PNNL)
10:50	0:15	Coffee Break	
11:05	1:15	Low Energy Ion Beam Facilities & PIE Activities in Japan	P.Hurh
11:05	0:25	Ion Beam Facilities in Japan (TIARA/DuET/HIT)	Wakai, Eiichi (J-PARC/JAEA)
11:30	0:25	PSI SING specimen PIE at JAEA-WASTEF	Saito, Shigeru (J-PARC/JAEA)
11:55	0:25	Measurement displacement cross section of window&target materials at J-PARC	Meigo, Shin-Ichiro (J-PARC/JAEA)
12:20	1:15	Lunch	
13:35	2:00	BLIP Irradiation Experiment Status & Plans	K. Ammigan
13:35	0:30	BLIP 2017 summary and 2018 plan	Ammigan, Kavin (Fermilab)
14:05	0:25	PIE preparation status at PNNL	Senor, David (PNNL)
14:30	0:20	Ti Capsule PIE plan and a new Ti-3 capsule	Ishida, Taku (J-PARC/KEK)
14:50	0:25	Meso-scale fatigue testing	Kuksenko, Slava for Gong, Jicheng,
15:15	0:20	Si&Heavy Capsule and a new capsule	Fornasiere, Elvis (CERN)
15:35	0:15	Coffee Break	
15:50	1:00	HiRadMat Thermal Shock Experiment Plans	S.Makimura
15:50	0:30	Material R&D for beam intercepting devices, CERN HiRadMat experiment plans	Calviani, Marco (CERN)
16:20	0:30	Plans for 2018 BeGrid2 experiment at HiRadMat	Ammigan, Kavin (Fermilab)
16:50	0:10	RaDIATE Session Summary	T.Ishida
16:50	0:05	RaDIATE session summary	Hurh, Patrick (Fermilab)
16:55	0:05	Next In-person CM	Calviani, Marco (CERN)
17:00		Adjourn (Kamioka tour participants will move to Ueno)	

