Time	Sunday` April 26			Monday April 27			Tuesday April 28			Wednesday April 29			Thursday April 30			Friday May 01		
08:00			Summit 2	Continental Breakfast	Registration		Summit 2	Continental Breakfast		Summit 2	Continental Breakfast		Summit 2	Continental Breakfast		Summit 2	Continental Breakfast	
8:30			Summit 1	01 ARW Welcome and Introduction and Terms (G. Dodson)			05) Reliability During Facility Machine Design 1 (R.Giachino)			08) Major System Reliability I (V.Toma)			12) Special Requirements for Medical Accelerator Facilities (E. Takada)			16. Innovative Creative Tools (M.Takao)		
9:00				Operational Reliability 1 (D. Newhart)			Summit 1			Summit 1			Summit 1			Summit 1		
			A	F. Fernandez	Reliability Improvements at the ALBA Synchrotron Light Source Facility	A	E.Bargallo	ESS Availability and Reliability Approach	A	S. Uznanski	Radiation Tolerant Power Converter Design for the LHC	A	J.L. Conradie	Reliability of the accelerator facilities at iThemba LABS	A	A. Johnson	Trend Analysis Software
			B	Li Rui	Introduction of Operation Reliability of SSRF	B	A. Vergara–Fernandez	The ITER Interlock System: Project Status	B	A. Marqueta	LIPAc Control Systems: a Reliability approach	B	N. Schreuder	Reliability and Uptime in Proton Therapy Accelerator and Beam Delivery Systems; The Need for a Fresh Medical Device Design	B	D. Curry	Design Strategies used to address Reliability Concerns with the SNS Machine Protection System
						C	A.Apollonio	HL-LHC performance and availability	C	R. Andersson	Machine Protection Systems and Their Impact on Availability and Accelerator Reliability	C	S. Thorson	A Reliability Retrospective of an Installed Base of 14 Proton Therapy Centers	C	R. Michaud	System Downtime Management at 12 GeV CEBAF
									D	Baglin	Vacuum Reliability Illustrated by LHC	D	L. Derenchuk	A Medical Device Manufacturer's Perspective of an Accelerator Laboratory			
10:00			Summit 2	Break		Summit 2	Break		Summit 2	Break		Summit 2	Break		Summit 2	Break		
10:30			02) Operational Reliability 2 (D. Newhart)			06) Reliability During Facility Machine Design 2 (R.Giachino)			09) Major System Reliability II (D. McGilvery)			13) Reliability Improvements/ Upgrades (P. Sampson)			Workshop Highlights (G. Dodson) Summary / Closing remarks		
			Summit 1			Summit 1			Summit 1			Summit 1			Summit 1		
			A	A. Spannaus	Testing for 'New Better than Used'— Oxygen Monitoring Systems at the Spallation Neutron Source	A	F. Bouly	Reliability and Fault-tolerance strategy in the MYRRHA superconducting Linac	A	M. Shirakata	Operation Reliability of J-PARC Main Ring	A	M. Solfaroli	The LHC long shutdown 1 - A Reliable Energy Upgrade	Closing remarks LOC (G. Dodson)		
			B	J. Cao	The Development of a Beam Loss Diagnostic System for the BEPCII Storage Ring	B	D. Preddy	Design Process used in Building the E-Linac Facility at TRIUMF	B	J. M.Ayala	LIPAc Grounding Network: A Study for Accelerator Grounding Systems	B	E. L. Kerstiens	Water Cooling System Upgrades, Successes, and Lessons Learned From The Los Alamos Neutron Science Center			
			C	D. McGilvery	Does an FMEA Improve Accelerator Reliability?	C	P. Sollander	Reliability of a Future Circular Collider	C	S. Kiy	Automatic Phasing of SCRF Cavities	C	O. Shelbaya	Visualizing Tunes	IOC Announcement of Next Workshop		
			D	M. Slabaugh	Fermilab PIP Booster Accelerator RF Cavity Refurbishment				D	J. Proulx	Target Cryogenic Moderator Upgrade for the Hydrogen Gas Management System at SNS	D	D. E. Anderson	Availability Challenges and Solutions Associated with the High Voltage Converter Modulator at the Spallation Neutron Source			
12:00			Summit 2	Lunch Round Table Discussions, Topics; Definition of Terms and Availability Tracking		Summit 2	Lunch Round Table Discussions, Topics: Reliability During Facility/Machine Design		Summit 2	Lunch Round Table Discussions, Topics: Major Systems Reliability		Summit 2	Lunch Round Table Discussions, Topics: Medical Accelerators and Reliability Improvements		Workshop Ends		
13:30				03) Availability Tracking and Metrics (R. Giachino)			07) Invited Speakers (G.Dodson)			10) Poster Session (E. Takada)			14) Parallel Discussions					
			Summit 1			Summit 1			Salon A	See Below		Salons B,C	See Below					
			A	B. Todd	LHC Availability Studies and Improvements	A 13:30-14:15	Scott McLean	Asset Management Strategy - Creating the Master Plan										
			B	J. M. Arroyo	IFMIF availability oriented design	B 14:15-15:00	Jess Gehin	Nuclear Power Reactors – An Example of Improvements in Reliability and Potential for Improvement										
15:00			Summit 2	Break					Summit 2	Break		Summit 2	Break					
15:30				04) Fault/Failure Detection and Analysis Methods (L. Conradie)		SNS Tour			11) Maintenance Considerations (D. Preddy)			15 Investigation of Failures (D. Johnson)						
			Summit 1						Summit 1			Summit 1						
			A	A. Nordt	Fault Analysis Methods and their Impact on the Systems Reliability and Beam Availability of Accelerator Driven Facilities				A	K. Foraz	LHC 1st Long Shutdown	A	K. Young	Dissolved Gas-in-Oil Analysis for Preventative Maintenance of the LANSCE High Voltage Systems			
			B	K. Baggett	Making Good Decisions with Your Reliability Data – A Formalized Approach				B	S. Reimann,	Scheduling and Tracing of Maintenance Tasks in Long Shutdowns	B	S. Jago	ISIS Main Ring Dipole Coil Failures			
			C	D. Brown	Employing Software for Efficient Retrieval of Reliability Data				C	P. Sampson	Evolution of Maintenance Practices for RHIC	C	G. Milanovich	MEBT Water to Vacuum Leak			
17:30			Sessions End						Sessions End			Sessions End						
6:00 to 8:00 PM	Salons B and C	Welcome Reception (in lieu of dinner) and Registration Speaker; G. Dodson	Salon A	IOC Meeting: Topic Status Update of ARW 2015					Salons B, C	Conference Dinner Speaker G. Dodson		Private Dining Room	IOC Meeting: Topics; Select Site for ARW 2017					

10. Poster Session (E. Takada)			14. Parallel Discussions A			14) Parallel Discussions B			14. Parallel Discussions		
Salon A			Salon A	To be Determined		Salon B	Ageing Facilities		Salon C	Open Source Control Systems	
A	S. Cettour Cave,	Energy Saving on SPS for Greater Availability and Reliability					T. Spickerman	Strategic Maintenance Planning for an Aging Accelerator Facility		K. Kasemir	Open Source Control Systems
B	F. Chautard	Consequences of 30 Years of Operation on the of RF Cooling Circuits at GANIL									
C	M. Katsumata	Efforts on stable operation of the HIMAC irradiation system									
D	G. Garnodon	The Importance of the Operator for the Reliability of the Machine									
E	D. McGilvery	Reliability Update for the Australian Synchrotron Light Source									
F	M. Takao	Status of Operation Reliability at the SPring-8 Storage Ring									
G	H. Inokuchi	What can we find from failure data of the accelerator?									
H	H.Aikawa	Reproducing beams for therapy and research with replaced power supplies of Main Dipole Magnet in HIMAC synchrotron and HEBT systems									
I	A. Pozzer	Upgrade Interlock System at Elettra									
J	L. Rui	Introduction of Operation Reliability of SSRF									