The Property of the Control of the C	Start Sunday 11th of time Feb.	Monday 12th of February			Tuesday 13th of February	Wednesday 14th of February		Thursday 15th of Feb.
Control Cont	time rep.		Welcome & Facility Overview I	Slow E	straction Hardware and Machine Protection	Optimisat	ion and Machine Learning for Slow Extraction	OTTED.
March Programme Marc			Chair: Dale Prokopovich				Chair: Kevin Brown	
See	8:30	Dale Prokopovich, Peter Forck, et al.	Welcome	Federico Roncarolo, CERN	Fast Spill Monitoring at the CERN SPS	Christian Schömers, HIT	Slow extraction serving raster scanning at medical facilities	
March PMA, NUM	8:40							
10 Contact Sciences 17 Image: Section 18 Image: Sectio	8:50			Maarten van Dijk, CERN	Absolute calibration of second emission monitors at CERN	Alexander Huschauer, CERN		
Part	9:00							
September Control	9:10			Thomas Sieber, GSI		Francesco Velotti, CERN	A detailed ML example: SPS spill quality control	
See Earliance (1985) See Labelman (1985) See Labe				Alribias Tayada I DADC	· ·	Francesco Valetti CERNI	Induced rediscativity predictions from prompt beam less readings	
Mark				Akilisa Toyoda, 5-FARC		Trancesco Velotti, CERN	induced radioactivity predictions from prompt beam loss readings	
See				Masahito Tomizawa .L-PARC	Machine protection measures for malfunctions of accelerator	Aakaash Narayanan FNAI	ML Techniques in Spill Regulation for Mu2e	
Paralle Control, Turber, Medication Engineers Paralle Control (1996) Paralle Control (1996	10:00			madamic romizawa, o i ruko		ranador riarayanan, r rotz	Too miquo m opiii rogalalion lor mazo	
Hart Soury Temporal Lineary Middle Indiants in Jugan Source	10:10			Markus Wolf, MedAustron	Development of a RF system for Slow Extraction signal	Discussion: Mach	ine learning (conveners: Kevin Brown, Francesco Velotti)	
Control better (1906) to 1190) Control better (1906) to 1190)	10:20			·				
Part	10:30							
Part	10:40		Coffee break (10:30 to 11:00)		Coffee break (10:30 to 11:00)		Coffee break (10:30 to 11:00)	
Modelland National Management of the process of the	10:50							Guided tour of
Control Trained Primer Control Trained Pri		Fa		Managing				
Part Feature Part Part Feature Part Part Feature Part Feature Part Part Feature Part Part Feature Part Part Feature Part Part Part	44.00	14 1 0 011			Chair: Ryotaro Muto	Dhamin Dhitail O		
The first part of the Committee of the C	11:00			Fabien Plassard,	Beam loss optimisation for slow extraction at MedAustron			′
Oberlang Sheet, MPT Oberlanges and state of FIATF in Chrime Oberla	11:10			WeuAustron	'	*		
Discussion: Failty requirements Lincia Hung, RP Author Today (SCRN Xuller Today) Committed and Committed Committe	11:20			Bhawin Dhital, BNL		Tallii Duthell, CERN	Replacement of electrostatic septa with crystal technology	
David Ordersa, GBI SISTO education by set, influence of fron linear beam dynamics of contents, INPN Orgal above extendion depotence from the Francial AAPNE 2.02 of the contents of the conten	11:40	Guodolig Shelig, IMP		Linxiao Hou, IMP		Luigi Esposito, CERN	In-house Development of crystals at CERN (DECRYCE)	
Control Cont	11:50		Discussion: 1 dointy requirements	Linkas Hou, IIVII	onalisings of low chorgy, large childranes beams	Laigi Laposito, OLIVIA	in nodes service in organis at out it (DESKTOE)	
Comparison Com	12:00			David Ondreka, GSI	SIS100 extraction lavout: Influence of non-linear beam dynamics	Marco Garattini, INFN	Crystal slow extraction of positrons from the Frascati DAΦNE	
Additional (Common (Co	12:10							
2.30 Discussion: Spill quality requirements and spill monitoring and aboutule measurements of DC beams (convenient Pytheria Multi, Pedroic Renationist) PLASH search from PhiliMs held may symphotic from Name (and the particular programments and spill monitoring and aboutule measurements of DC beams (convenient Pytheria Multi, Pedroic Renationist) PLASH search from Philim Name (and the particular programments and spill monitoring and aboutule measurements of DC beams (convenient Pytheria Multi, 1300 to 1400) Lunch break (1300	12:20	Giovanni ladarola, CERN	Xsuite Tutorial (60 min)	Cristopher Cortes, DESY	Slow extraction from electron synchrotrons	Elisabeth Renner, TU-Wien	Simulation study of mixed He-2+/C-6+ beam slow extraction for	
Ease figure photo for 1420) Lunch break (13:00 to 14:00) Lunch break (13:0	12:30			,	· ·	·	online range-verification	
Lunch break (13:00 to 14:00) Lunch	12:40						FLASH extraction from NIMMS helium synchrotron	
Lunch break (1300 to 1400) Lunch break (1300 to 1400) Splil Ripples & Beam Quality Managing Extraction Efficiency II Outs Dark Orders A visual Dark Orders A visual Dark Orders Splin Ripples & Beam Quality Managing Extraction Efficiency II Outs Dark Orders A visual Dark Orders A visual Dark Orders Splin Ripples & Beam Quality Managing Extraction Efficiency II Outs Dark Orders A visual Dark Orders Splin Ripples & Beam Quality Managing Extraction Efficiency II Outs Dark Orders A visual Dark Dark Orders Splin Ripples & Beam Quality in the SPS Spli	12:50		Group photo	beams (conveners: Ryotaro Muto, Federico Roncarolo)	NIMMS		
Spill Rigiples & Beam Quality 1 Chair Peter Forck Ryolaro Muto, J-PARC Self and Straction Section Self-cliency II Chair David Orderia Chair Mans David Chair Mans David Chair David Orderia Ch	13:00							
Chair Pavid Ondreka Chair David Ondreka Chair David Ondreka Chair David Ondreka Even David Even David Ondreka Even David		` '		, ,		Lunch break (13:00 to 14:00)		
Chair Pavid Ondreka Chair David Ondreka Chair David Ondreka Chair David Ondreka Even David Even David Ondreka Even David						Advanced Extraction Techniques II		
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Spelan Sorge, GSI Spill structure simulations for GSI and FAIR Vladimir Nagaslaev, FNAL Feasibility of crystal shadowing for SX at 8 GeV Florinar Kinkedul, TL-Wien, Medustron	14:00	Florian Kühteubl, TU-Wien, MedAustron	Beam ripple studies at MedAustron	Ryotaro Muto, J-PARC	Beam diffusers for beam loss reduction	Frank Stulle, Bergoz		
Additional Content of the Content	14:10							
Ratul Singh, GSI Knock-out extraction feedback dynamics Francesco Velotit, CERN Crystal shadowing in the SPS Application of numerical optimisers to the particle loss minimization at the SISI Beaptim during slow extraction with RFKO MedAustron Cristopher Cortes, GSI, & HIT interpretation of BIF-based time measurements close to a 3rd-order resonance at HIT Disassing time and the first experience in medical port of the Karinova, TU Damsstard minimization at the SISI Beaptim during slow extraction system and the first experience in medical optimization at the SISI Beaptim during slow extraction system and the first experience in medical optimization at the SISI Beaptim during slow extraction system and the first experience in medical optimization at the SISI Beaptim during slow extraction system and the first experience in medical optimization at the SISI Beaptim during slow extraction system and the first experience in medical optimization at the SISI Beaptim during slow extraction system and the first experience in medical port operation oper	14:20	Stefan Sorge, GSI	Spill structure simulations for GSI and FAIR	Vladimir Nagaslaev, FNAL	Feasibility of crystal shadowing for SX at 8 GeV		Slow extraction developments at MedAustron	
Application of Interpretation of BTF-based tune measurements close to a 3rd-order resonance at HT resonance	14:30							
Cristopher Cortes, GSI, & HIT Interpretation of BTF-based tune measurements close to a 3rd-order reconnect at HIT reconnect a	14:40	Rahul Singh, GSI	Knock-out extraction feedback dynamics	Francesco Velotti, CERN	Crystal shadowing in the SPS		Simulation of multi-energy extraction with RFKO	
Second Pesonance at HT Pesonance at HT Darmstadt minimization at the SIS18 septum during slow extraction SIS18 septum during slow extraction Pablo Arrutia, CERN RF techniques for bunched/pulsed slow extractions from synchrotrons Pablo Arrutia, CERN RF techniques for bunched/pulsed slow extractions from synchrotrons Pablo Arrutia, CERN RF techniques for bunched/pulsed slow extractions from synchrotrons Pablo Arrutia, CERN RF techniques for bunched/pulsed slow extractions from synchrotrons Pablo Arrutia, CERN RF techniques for bunched/pulsed slow extractions from synchrotrons Pablo Arrutia, CERN Pablo Arrutia		Crietopher Certee, GSI 9 LIIT	Interpretation of PTC based time managements along to a 2nd and a	Olha Kazinova TII	Application of numerical entimizers to the nexticle less		Tailored excitation cignals for PEVO	
Elke Feldmeier, HIT Upgrade of HIT's slow extraction system and the first experience in medical operation op		Cristoprier Cortes, GSI, & HTT				Fillipp Niedermayer, GSI	Tailored excitation signals for RFRO	
Solid Operation Operatio		Fike Feldmeier HIT		Dannotaat		Pahlo Arrutia CERN	RF techniques for hunched/nulsed slow extractions from	
Askash Narayanan, FNAL Transit Time Simulation Studies Coffee break (16:00 to 16:30) Coff	15:30	Ento i dialitoto, i il i		Sjoin Salitandor, Gor		abio Airuua, OEITIT		
Coffee break (16:00 to 16:30) Coffee break (16:00 to 16:30	15:40	Aakaash Naravanan, FNAL	Transit Time Simulation Studies	Discussion: Extraction efficie	rcv and machine protection (conveners: David Ondreka .liancheng	-7		
Coffee break (16:00 to 16:30)	15:50					Discussion: Advanced extraction techniques (conveners: Mauro Pivi, Rahul Singh)		
Spill Ripples & Beam Quality II Chair: Marco Pulla Spill structure with newly upgraded main magnet power supplies in J-PARC Spill structure with newly upgraded main magnet power supplies in J-PARC Spill structure with newly upgraded main magnet power supplies in J-PARC Main Ring Septa Development Chair: Christian Schömers Chair: Christian Schömers Chair: Dale Prokopovich (Peter Forck on second level) Spill structure with newly upgraded main magnet power supplies in J-PARC Spill structure with newly upgraded main magnet power supplies in J-PARC Main Ring Seruno Balhan, CERN Operational experience with electrostatic septa at CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Development of Low-Z septa for CERN's future FT programme Pablo Arrutia, CERN Registration & Welcome reception Friedrich Lackner, CERN Pablo Arrutia, CERN Registration & Welcome reception Friedrich Lackner, CERN Authority of Compensation with direct field ripple measurements Friedrich Lackner, CERN Development of Low-Z septa for CERN's future FT programme Friedrich Lackner, CERN Development at FNAL Discussion: Collaborative opportunities and conclusions (conveners: Brennan Goddard, Vladimir Nagaslaev, Masahito Tomizawa) Friedrich Lackner, CERN Authority of Cerno Spill ripple improvement Friedrich Lackner, CERN Authority of Cerno Spill ripple improvement Friedrich Lackner, CERN Development at FNAL Discussion: Collaborative opportunities and conclusions (conveners: Brennan Goddard, Vladimir Nagaslaev, Masahito Tomizawa) Friedrich Lackner, CERN Authority of Cerno Spill ripple improvement Friedrich Lackner, CERN Authority of Cerno Spill ripple improvement Friedrich Lackner, CERN Authority of Cerno Spill ripple improvement Friedrich Lackner, CERN Authority of Cerno Spill ripple improvement Friedrich Lackner, CERN Frie	16:00		•		V)			
Spill Ripples & Beam Quality II Chair: Marco Pullia Ryotaro Muto, J-PARC Spill structure with newly upgraded main magnet power supplies in J-PARC Main Ring Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Registration & Welcomman Re	16:10		Coffee break (16:00 to 16:30)		Coffee break (16:00 to 16:30)		Coffee break (16:00 to 16:30)	
Chair: Christian Schömers Chair: Christian Schö	16:20							·
Ryotaro Muto, J-PARC Spill structure with newly upgraded main magnet power supplies in J-PARC Main Ring Kevin Brown, BNL Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Development of Low-Z septa for CERN's future FT programme Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Spill ripple compensation with direct field ripple measurements Friedrich Lackner,								
Main Ring Velotti								
Kevin Brown, BNL Spill ripple compensation with direct field ripple measurements Friedrich Lackner, CERN Development of Low-Z septa for CERN's future FT programme Palo Arrutia, CERN Polymorphic Polymorphic	16:30	Ryotaro Muto, J-PARC		Bruno Balhan, CERN	Operational experience with electrostatic septa at CERN	Discussion: Machine learnin)
7:00 7:10 7:20 7:20 7:20 7:20 7:20 7:20 7:20 7:2		Kovin Prown PNI	v v	Eriodrich Lackner CERN	Dovolonment of Low 7 conta for CERN's future ET programme		veioui)	
7:10 Pablo Arrutia, CERN Registration & Welcome reception (18:30 Pablo 20:00) Pablo 20:00		REVIII DIOWII, DINL	Spin rippie compensation with direct neid rippie measurements	HEURICH LAUKHER, GERN	Development of Low-Z septa for CERN'S future FT programme			
Registration & Nagaslaev, Masahito Tomizawa) Registration & Nagaslaev, Masahito Tomizawa) Reciption reciption reciption reciption reciption lobby Resident and reciption recipition reciption recipitation recipi	17:10	Pablo Arrutia, CERN	RF techniques for spill ripple improvement	Katherine Laureto, FNAI	Flectrostatic septa development at FNAI	Discussion: Collaborative on	portunities and conclusions (conveners: Brennan Goddard, Vladimi	r
Welcome reception (17.30 to 20.00, Plaza Inn hotel lobby) 8.30 8.40 9.00 9.00 9.00 9.00 9.00 9.00 9.00 9	17:20 Registration &					onaborative op		
T-40 T	17:30 Welcome	Discussion: Beam qua	ality requirements (conveners: Peter Forck, Marco Pullia)	Jan Borburgh, CERN	CNAO septum ESE2 development		,	
7:50 Plaza Inn hotel (obby)	17.40 reception	1	, , , ,	• • • • • • • • • • • • • • • • • • • •		Dale Prokopovich	Closing remarks	
8:30 lobby)	47.50 (10.30 to 20.00,							
8-40	18:30 lobby)							
Conference Dinner (19:20 to 22:00 bus transport from hotel)	18:40							
	19:00					1		
IZZU	20:00	4		Conference	Dinner (19:30 to 22:00, bus transport from hotel)			
	22:00							