Session Program

9-13 Oct 2023

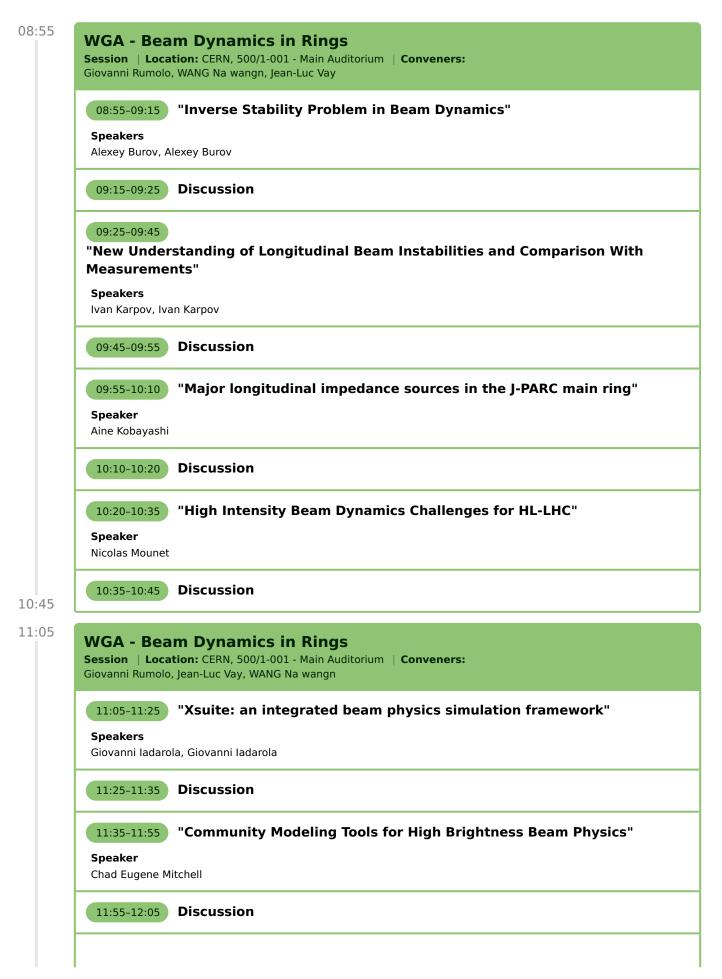


HB2023

WGA - Beam Dynamics in Rings

CERN, 500/1-001 - Main Auditorium

Tuesday 10 October



Speakers Dr Tatiana Pielo	oni, Tatiana Pieloni
12:30-12:45	
Decent est	vances in the CERN PS impedance model and instability simulations"
Recent adv	
Speaker	

Wednesday 11 October

08:55-09:15	
"Developn	ent and Application of High-Performance CISP-GPU Code for High
Speaker	ffects in Hiaf"
Jie Liu	
09:15-09:25	Discussion
09:25-09:45	
"Analytica studies"	l and numerical studies on kicked beams in the context of half-integ
Speakers	chetti, Giuliano Franchetti
09:45-09:55	Discussion
09:55-10:10	
	-bunch tune shift studies for LHC-type beams in the CERN SPS"
Speakers Ingrid Mases,	Ingrid Mases Sole
10:10-10:20	Discussion
10:20-10:35	
"Design of	a proof-of-principle Experiment for the DLMN Method to Identify Field Errors"
Speakers	
Conrad Caliar	i, Conrad Caliari
10:35-10:45	Discussion
WGA - Be	am Dynamics in Rings
	c ation: CERN, 500/1-001 - Main Auditorium Conveners: gn, Jean-Luc Vay, Giovanni Rumolo
Session Lo	
Session Lo WANG Na wang	
Session Lo WANG Na wang 11:05-11:25	ation of Third-Order Resonances in the High Intensity Regime"
Session Lo WANG Na wang 11:05-11:25 "Compens Speakers	ation of Third-Order Resonances in the High Intensity Regime" ardo Gonzalez-Ortiz, Cristhian Eduardo Gonzalez-Ortiz

11:55-12:05	Discussion
12:05-12:20	
-	nization for Alleviating Space Charge Effects and Suppressing Beam in the RCS of CSNS"
Speaker	
Shouyan Xu	
12:20-12:30	Discussion
12:30-12:45	
"Effects of	, statistical dependence in the transverse planes for non-Gaussian bea
distribution	
Speaker	

Thursday 12 October

08:50-09:10	"Performance and upgrade considerations for the CSNS injection"
Speaker Ming-Yang Huar	g
09:10-09:20	Discussion
09:20-09:40 "High-Inten: Speaker Robert Williams	sity Studies on the ISIS RCS and their Impact on the Design of ISIS-I
09:40-09:50	Discussion
09:50-10:10 Predominan Speaker Richard Talman	tly electric ``E&m'' storage ring with nuclear spin control capability
10:10-10:20	Discussion
	ispersion effects in 2-D coasting beams and 3-D bunched beams in ty hadron synchrotrons"
Speaker	