

Upgrading Existing High Power Proton Linacs

Tuesday, 8 November 2016

Session 2: Increasing the accelerating field strength, the pulse current, or the beam energy - Tänkartanken (13:00 - 16:00)

-Conveners: Frank Gerigk

time	[id] title	presenter
13:00	[4] Introduction: Potential for gradient, current, or energy increase	GERIGK, Frank
13:25	[5] Power upgrade plane of J-PARC Linac and loss estimation	MARUTA, Tomofumi
13:50	[6] Gradient limitations in pulsed SC cavities, imposed by power couplers, RF systems, Lorentz force detuning compensation	PEAUGER, Franck
14:15	[15] Linac upgrade scenarios for the RAL neutron source	PLOSTINAR, Ciprian
14:40	Coffee break	
15:10	[16] Upgrades to the Spallation Neutron Source (SNS) Linac to Support the Second Target Station (STS)	MIDDENDORF, Mark
15:35	[7] Gradient increase in SC cavities via plasma processing	DOLEANS, Marc