

Channeling 2024

martedì 10 settembre 2024

Beams Interactions: S1.1 (09:00 - 10:55)

-Coordinatori: Stefano Redaelli

time	[id] title	presenter
09:00	[92] A POSITRON BEAMLINER FOR CHANNELING EXPERIMENTS AT MAMI	Dr. KLAG, Pascal
09:30	[86] Positron Beam Steering via Planar Channeling and Volume Reflection with Silicon Crystals at MAMI	NEGRELLO, Riccardo
09:50	[9] Mechanism of Self-Collimation and Weakening of Dechanneling During Realistic Channeling of Positive Ions in Crystals	VYSOTSKII, Vladimir
10:10	[70] Multiple scattering, volume capture and volume reflection of positive charged particles in bent single crystals	Dr. MAISHEEV, Vladimir
10:30	[64] Full simulations of beam dynamics of crystal-based extraction from the DESY II Booster Synchrotron using BDSim simulation code boosted with G4ChannelingFastSimModel	SYTOV, Alexei

mercoledì 11 settembre 2024

Beams Interactions: S1.2 (09:00 - 11:15)

-Coordinatori: Vincenzo Guidi

time	[id] title	presenter
09:00	[90] Enhancing Planar Channeling Efficiency: Final Results from the GALORE Project	ROMAGNONI, Marco
09:30	[94] Bent crystals for spin precession experiment at LHC	MAZZOLARI, Andrea
09:50	[96] Beam superimposition with bent crystals	BAUCE, Matteo
10:10	[67] Truncated Coulomb potential for planar channeling	Dr. BONDARENCO, Miccola
10:30	[73] On the shape stability of angular distributions of the channeled protons.	COSIC, Marko
10:50	[49] First-principles calculations of channeling of low-energy ions in SWCNTs and the effect of many-particle interactions	STEPANOV, Anton