

2021 Nuclear Data for Reactor Antineutrino Measurements Workshop

Wednesday, 23 June 2021

Nuclear Data for Antineutrino Spectrum Calculations Session (11:00 - 12:55)

time	[id] title	presenter
11:00	[27] Introduction	
11:05	[28] Spectra of Antineutrinos from Nuclear Reactors	HAYES, Anna
11:20	[29] Big Picture: Case Study of Diversion and Limits of Antineutrino Safeguards Technology	ERICKSON, Anna
11:35	[30] Antineutrino Spectrum Predictions: Nuclear Data Impact and Interplay	MATTERA, Andrea
11:50	[31] Big Picture: High Energy Physics	OCHOA-RICOUX, J. Pedro
12:05	[32] Direct Source Term Measurement: Existing Data	LANGFORD, Thomas
12:20	[33] Direct Source Term Measurement: Future Data	SURUKUCHI, Pranava Teja
12:40	[34] Direct Source Term Measurement: Non-IBD Reactions	MAHAPATRA, Rupak

Nuclear Data for Antineutrino Spectrum Calculations Session (13:05 - 15:00)

time	[id] title	presenter
13:05	[35] Recent measurements of fission beta spectra ratios	MUMM, P.
13:20	[36] Towards Integral Electron Measurements of ^{233}U , ^{235}U and ^{239}Pu at HFIR Decay Station	RYKACZEWSKI, Krzysztof
13:30	[37] Scattering Beamlines and Irradiation Positions at the High Flux Isotope Reactor	CROW, Lowell
13:40	[38] Magnetic electron spectrometer for characterising anti-neutrino anomaly	KIBEDI, Tibor
13:50	[39] Concepts for Integral Electron Measurements of ^{233}U , ^{235}U and ^{239}Pu at HFIR	ALLMOND, Mitch
14:00	[40] Discussion	
14:20	[41] Measuring Beta Spectra For Forbidden Decays	RASCO, Charlie
14:35	[42] Beta Feeding Measurements	SAVARD, Guy
14:50	[43] Software Tools for Modelling Neutrino Source Terms	ZHANG, Xianyi