



# The 29th International Workshop on Weak Interactions and Neutrinos

Friday, July 7, 2023

Parallel Session on the Application of HEP Technology in Materials Science (First half) - A324 (9:00 AM - 12:15 PM)

-Conveners: Chiu Chung Tang; Yitao Cui

time	[id] title	presenter
9:00 AM	[M243] Welcome speech	SUN, Dongbai
9:05 AM	[M212] Synchrotron X-Ray Powder Diffraction	TANG, Chiu Chung
9:30 AM	[M244] A smart and versatile scattering beamline platform for industrial and scientific applications	LI, Lei
9:55 AM	[M245] Neutron/ synchrotron X-ray powder diffraction on a yttrium-chromium oxide	LI, Haifeng
10:20 AM	Break, Discussion	
10:35 AM	[M246] Introduction of soft X-ray spectroscopy and plans in Shenzhen Innovation Light-Source Facility	CUI, Yitao
11:00 AM	[M247] X-ray total scattering method and its applications	TSENG, Jo-Chi
11:25 AM	[M248] Controllable Synthesis and In situ Study of Layered Oxide Cathodes for Li-Ion Batteries	ZHANG, Mingjian
11:50 AM	[M257] Study of a cascade gamma-ray coincidence medical imaging system	Prof. WEI, Qing-Yang