

nEDM2021

mardi 16 février 2021

E-field and precession chamber: E-field and precession chamber - FRANCE - 74 310 LES HOUCHES (14:00 - 15:50)

-Présidents de session: Philip Harris

time	[id] title	presenter
14:00	[16] A study of liquid helium scintillation in the presence of an electric field for the nEDM@SNS experiment	ITO, Takeyasu
14:30	[18] High Electric Field Studies in Liquid Helium for the nEDM@SNS Experiment	RILEY, Grant
14:50	[19] Understanding electrical breakdown in liquid helium through analysis of the distribution of breakdown fields	PHAN, Nguyen
15:10	[20] Electrodes for a Cryogenic Cavallo Apparatus	BLATNIK, Marie
15:30	[21] Design, testing, and characterization of the helium-3 removal system	WHITE, Christian

E-field and precession chamber: E-field and precession chamber - FRANCE - 74 310 LES HOUCHES (16:20 - 18:20)

-Présidents de session: Klaus Kirch

time	[id] title	presenter
16:20	[17] Impact of Cell Charging on Cryogenic EDM Searches	KORSCH, Wolfgang
16:40	[22] TUCAN EDM central region	PICKER, Ruediger
17:10	[23] PanEDM central components	WURM, David
17:30	[24] UCN storage in deuterated polyethylene bottle	NEULINGER, Thomas
17:50	[25] Cryogenic UCN storage, super-thermal production, and live spin analysis for measurements of static nEDMs, oscillating EDMs, and the neutron magnetic moment	LEUNG, Kent

E-field and precession chamber: E-Field and precession chamber - FRANCE - 74 310 LES HOUCHES (20:00 - 20:40)

-Présidents de session: Douglas Beck

time	[id] title	presenter
20:00	[9] Systematics and Operational Studies for the nEDM@SNS Experiment	DIPERT, Adam
20:20	[26] Johnson-Nyquist Noise Studies for the n2EDM Experiment at PSI	CHIU, Pin-Jung