



# nEDM2021

## jeudi 18 février 2021

### Magnetometry: Magnetometry - FRANCE - 74 310 LES HOUCHEs (14:00 - 16:00)

-Présidents de session: Clark Griffith

time	[id] title	presenter
14:00	[45] The magnetometer system planned for the neutron electric dipole moment (nEDM) experiment at LANL	CHEN, Yi (Jennie)
14:20	[48] Magnetometry for the Los Alamos National Laboratory's nEDM experiment	HILLS, Felicity
14:40	[46] Laser-based comagnetometry for the TUCAN nEDM measurement	MILLER, Eric
15:00	[47] Optical magnetometry for the TUCAN nEDM experiment	KLASSEN, Wolfgang
15:20	[49] Mercury comagnetometer: the light shift	TOUATI, Selim
15:40	[50] The caesium magnetometer array for the n2EDM experiment	PAIS, Duarte

### Magnetometry: Magnetometry - FRANCE - 74 310 LES HOUCHEs (16:30 - 18:30)

-Présidents de session: Eric Miller

time	[id] title	presenter
16:30	[51] 3He Polarization and Injection System for the nEDM@SNS SOS apparatus	RAO, Thomas
16:50	[52] Superconducting QUantum Interference Devices (SQUIDS) for magnetic field detection : noise measurements	MORANO, Matthew
17:10	[53] Development of a polarized 3He atomic beam source for the nEDM@SNS experiment	BROERING, Mark
17:30	[55] nEDM@SNS Light Collection System	CIANCIOLO, Vince
17:50	[54] Measurement Cell and Light Collection System Simulations for the nEDM@SNS experiment	LOOMIS, Devon
18:10	[56] Magnetic field mapping in n2EDM experiment	SVIRINA, Kseniia