



# Challenges of the world-wide experimental search for the electric dipole moment of the neutron

## Wednesday, 5 November 2014

### Magnetic environment: Magnetic fields (09:00 - 10:00)

time	[id] title	presenter
09:00	[21] SNS magnetic field	Dr SLUTSKY, Simon
09:30	[50] Magnetic Field R&D for the nEDM experiment at TRIUMF	Dr MAMMEI, Russell

### Magnetic environment: Fields and Shields (10:30 - 12:00)

time	[id] title	presenter
10:30	[66] Degaussing of magnetic shields	Mr SCHNABEL, Allard
11:05	[52] PSI - Environment	Dr KREMPEL, Jochen
11:35	[45] SNS Injection fields and coils	Dr CRAWFORD, Christopher

### Magnetic environment: Sensors (14:00 - 15:30)

time	[id] title	presenter
14:00	[61] Analytic models of shield-coupled coils	Prof. BIDINOSTI, Christopher
14:30	[25] Magnetometry Overview for the PSI nEDM Experiment	Dr BISON, Georg
15:00	[43] Superconducting Quantum Interference Device (SQUID) applications in the SNS nEDM Experiment	Dr CLAYTON, Steven

### Magnetic environment (16:15 - 17:05)

time	[id] title	presenter
16:15	[56] An NMOR-based magnetometer for studying magnetometry and magnetic fields	Prof. MARTIN, Jeffery
16:45	[48] Development of an optical co-magnetometer for a neutron EDM experiment at TRIUMF	Prof. MOMOSE, Takamasa