



International Magnetic Measurements Workshop IMMW15

August 21 – August 24, 2007

Fermi National Accelerator Laboratory Batavia, IL USA

All talks held in Wilson Hall, 1 West Conference Room

Time	Tues Aug.21	Wed.Aug.22	Thurs. Aug. 23	Fri. Aug24
8:00 – 8:30	Workshop Check-in 8:00 - 9:00			
8:30 – 9:00				
	Overview Session: J. DiMarco, Chair	Undulator Measurements: G. Chlachidze, Chair	Rotating Coil Session (continued): Z. Wolf, Chair	Mag. Measurements Software Systems: M. Tartaglia, Chair
9:00 - 9:25	Workshop Introduction: V. Yarba	LCLS Undulator Tuning and Fiducialization: Z. Wolf	CERN Fast Digital Integrator: J. Garcia Perez	Architecture and features of an extensible measurement system framework: J. Nogiec
	FNAL overview: P. Schlabach			
9:25 – 9:50	CERN Future Programs: L. Walckiers (9:25 – 9:40)	Magnetic Measurements of the Apple-II type Elliptically Polarized Undulator: A. Madur	Fast Ramping Magnet Meas: D. Evans, Chair	Software Framework at CERN: M. Buzio (9:25 – 9:40)
			Field Quality Measurements at High Ramp Rates: A. Jain	Summary Session
9:50 – 10:15	Cern Measurements Overview: M. Buzio (9:40 – 10:15)	Rotating Coil Session: Z. Wolf, Chair	Fast Ramping Measurements with a Slowly Rotating Coil: G. Velev	Overview: J. DiMarco (10’) Hall Probes: L. Walckiers (15’) Undulator: G. Chlachidze (10’)
		Magnetic Calibration System for Rotating Coils: O. Dunkel		
10:15 – 10:35	----- Break -----	----- Break -----	----- Break -----	----- Break -----
10:35 – 11:00	BNL Overview: A. Jain	LCLS Small Aperture Quad Tests: I. Vasserman	Mole for Measuring Pulsed Superconducting Magnets: P. Schnizer	Rotating Coils: Z. Wolf (15’) Fast Ramp Mag.: D. Evans (10’)
	SLAC Overview: Z. Wolf			
11:00 – 11:25	Hall Probe Session: L. Walckiers, Chair	Fast Measurements w/ Rotating Coils: J. Garcia Perez	AC Measurements of Booster Corrector Magnets with a Fixed Coil Array : J. DiMarco	Dynamic Effects: A. Jain (10’) Alignment: H. Brueck (10’) Software: M. Tartaglia (10’)
	Hall Probe Polarity Checker: D. Walbridge			
11:25 – 11:50	3-D Hall Probes Applications: F. Bergsma	Rotating Circuit Board Probes for Magnetic Measurements: J. DiMarco	Dynamic Effects Session: A. Jain, Chair	Open Discussion & Conclusion (20’)
			Decay/Snapback Meas. for Tevatron: G. Velev	
11:50 – 1:30	----- Lunch -----	----- Lunch -----	Group Photo	Workshop Close: 11:50
			----- Lunch -----	
1:30 – 1:55	Hall Probe Measurements of Supernanogan: D.Evans	Field Reconstruction in Elliptical Aperture: P. Schnizer	Dynamic Effects in CNAO Magnets: R. Chritin	
1:55 – 2:20	Solenoid Mapping with Hall Probes: M. Tartaglia	Fermilab Tours	Ramp Rate Effects on LHC Superconducting Magnets: G. Deferne	
2:20 – 2:45	3-D Hall Probe Bench at ALBA: J. Marcos Ruzafa		Alignment Session: H. Brueck, Chair Meas	
			Sextupole Magnet Axis w/ Vibrating Wire: A.Temnykh	
			Measurements of Wire Sag for Vibrating Wire: A. Jain	
2:45 – 3:10	ATLAS Solenoid Mapper: F. Bergsma		Solenoid Axis Meas: J. DiMarco	
3:10 – 3:35	----- Break -----		----- Break -----	
	Exhibitor Session:			
3:35 – 4:00	What’s Cooking at Metrolab P. Keller (3:35 – 3:55)	Workshop Colloquium: Biomagnetism Dr. Ed Flynn (invited) 4:00 – 5:00 pm		
4:00 – 4:25	High Sensitivity Hall IC: B. Richter, GMW (3:55 – 4:15)			
4:25 – 4:50	PXI Express for RT DAQ: J. Hildyard, NI (4:15 – 4:35)			
	Optical Magnetic Meas.: N. Bednar, Tai-Yang (4:35 -4:50)			
Evening	Reception: 15 th floor Wilson Hall 5:00 – 7:00 (Sponsored by Metrolab, GMW, FRA)	Workshop Dinner & Architectural Boat Cruise in Chicago: Bus leaves at 5:00 from Wilson Hall	Evening Free	