

# **NBI2006 - 6th International workshop on Neutrino Beams and Instrumentation**

**Monday 04 September 2006 - Saturday 09 September 2006**

**CERN**

## **Programme**

# **Monday 04 September 2006**

**Arrival and Registration - cafeteria bldg 501, "glassbox" (17:00-20:00)**

## Tuesday 05 September 2006

### OVERVIEW OF PROJECTS - 40-S2-B01 (08:00-12:10)

time	title	presenter
08:00	Registration and Coffee	
09:20	Welcome	
09:30	MiniBooNE Overview	ZIMMERMAN, Eric
10:10	NuMI Overview	KOPP, Sacha
10:40	COFFEE BREAK	
11:10	CNGS Overview	ELSENER, Konrad
11:30	OPERA start-up results	AUTIERO, Dario
11:40	T2K Overview	ISHIDA, Taku

### PROTON BEAM & INSTRUMENTATION - 40-S2-B01 (13:30-16:30)

#### *Including beam monitoring*

time	title	presenter
13:30	Operation of CNGS proton beam and instrumentation	MEDDAHI, Malika
13:50	Extraction studies with CNGS beam	KAIN, Verena
14:05	Operational Experience with the CNGS beam position monitoring system	JONES, Rhodri BOGEY, Thierry
14:20	Experience with the BTV at CNGS - profiles and positions	BRAVIN, Enrico
14:30	T2K proton beam handling and failure analysis	ABE, Toshinori
14:45	T2K beam profile monitor	KAKUNO, Hidekazu
15:00	T2K beam position monitor	HASTINGS, Nick
15:15	T2K OTR monitor	MORRIS, David
15:30	NuMI proton beam performance	SPEAKER TO BE ANNOUNCED
16:00	COFFEE BREAK	

### Seminar on Minos - Auditorium (16:30-17:30)

### Fondue DINNER - Main Building CERN (18:00-23:00)

## Wednesday 06 September 2006

### **TARGETS and upgrades - 40-S2-B01 (08:30-12:25)**

time	title	presenter
08:30	NuMI Target Experience	HYLEN, Jim
09:00	Expectation vs. Experience with the CNGS target	BRUNO, Luca
09:30	R&D of the T2K target	NAKADAIRA, Takeshi
09:50	Shock studies and design optimisation of T2K beam window	ROONEY, Matt
10:00	COFFEE BREAK	
10:30	Design and helium cooling of T2K target	FITTON, Mike
10:40	T2K target station volume and decay volume	YAMADA, Yoshikazu
11:00	The T2K target installation and support system	FRANCIS, Vishal
11:10	Accelerator Ugrades to provide 1 MW for NuMI	ZWASKA, Bob
11:30	NuMI system upgrades for 1MW	MARTENS, Mike
11:50	Experimental Assessment of Radiation Damage in Targets Considered in Neutrino Superbeam and Neutrino Factory Initiatives	SIMOS, Nick

### **HORNS and beam dumps - 40-S2-B01 (13:30-18:00)**

time	title	presenter
13:30	Design and operation of the CNGS horns	RANGOD, Stephane
14:00	Laser Vibration measurements at CERN	WILFINGER, Roman
14:20	NuMI Horns Experience	HYLEN, Jim
14:50	COFFEE BREAK	
15:30	T2K horns	ICHIKAWA, Atsuko
15:45	Technical aspects of the T2K horn design	BARTOSZEK, Larry
16:00	T2K horn test operation	SEKIGUCHI, Tetsuro
16:15	Status of T2K hadron absorber development	ISHIDA, Taku
16:30	FEM analyses related to T2K hadron absorber design	DENSHAM, Chris

## **Thursday 07 September 2006**

**DAY off - EXCURSION to CHAMONIX/Mont Blanc Mountain Range - Main Building CERN**  
**(07:00-23:00)**

## Friday 08 September 2006

### **SECONDARY BEAM and NEUTRINO MONITORING - 40-S2-B01 (09:00-12:20)**

time	title	presenter
09:00	CNGS secondary beam monitors: design and performance	GSCHWENDTNER, Edda
09:40	NuMI Secondary Beam Monitor Performance	KOPP, Sacha
10:20	COFFEE BREAK	
10:50	T2K controls / DAQ	SAKASHITA, Ken
11:00	T2K muon monitors	MATSUOKA, Kodai
11:15	T2K near detectors	YOKOYAMA, Masashi
11:30	MiniBooNE Little Muon Counter Detector results	TZANOV, Martin
11:45	MiniBooNE Antineutrino Running: flux and backgrounds	WASCKO, M.O.

### **Visit CNGS - 40-S2-B01 (13:30-17:30)**

*Labs and Tunnels*

### **WORKSHOP DINNER - Main Building CERN (19:15-23:59)**

## Saturday 09 September 2006

### HOT HANDLING and RADIATION PROTECTION - 40-S2-B01 (08:30-12:30)

time	title	presenter
08:30	Rad-hard normal magnets and their quick handling	TANAKA, Kazuhiro HIROSE, Erina
09:00	NuMI Repairs for Hot Components	HYLEN, Jim
09:30	NuMI Radiation and Environment Protection	SPEAKER TO BE ANNOUNCED
09:50	Radiation protection aspects of the commissioning of the CNGS facility	VINCKE, Heinz
10:20	COFFEE BREAK	
11:00	CNGS target handling	BRUNO, Luca
11:30	CNGS horn handling	PARDON, Ans
12:00	Radiation protection in J-PARC neutrino beam line	OYAMA, Yuichi

### HADRON PRODUCTION and BEAM SIMULATIONS - 40-S2-B01 (13:30-16:30)

time	title	presenter
13:30	MiniBooNE beam simulation (including hadron production)	MAHN, Kendall
13:50	NA49 hadron production results	
14:10	FLUKA for CNGS	(TO BE CONFIRMED) FERRARI, Alfredo
14:40	NuMI Beam Monte Carlo and Hadron Production Uncertainties	PAVLOVIC, Zarko
15:00	Constraining kaon-decay neutrinos from the high energy tail	MAHN, Kendall
15:15	E906 (Main Injector Particle Production)	PALEY, Jon
15:30	COFFEE BREAK	

### HOT TOPICS, DISCUSSIONS & CLOSING - 40-S2-B01 (16:30-17:30)