Session Program

20-23 Feb 2017

RD51 Mini-Week

Precise timing workshop

CERN, 6/2-024 - BE Auditorium Meyrin

Tuesday 21 February

Speakers Leszek Ropelewski, Silvia Dalia Torre 09:05-09:20 Intro Speakers Sebastian White, Eraido Oliveri 09:20-09:45 Fast timing with Micromegas: Status and Plans Speaker Thomas Rapaevangelou 09:45-10:15 Progress report on the analysis of PICOSECOND-MICROMEGAS test beam and calibration data: techniques and studies Speaker Speaker Speaker Speaker Speaker Speaker Micro Toliman Lucchini 10:40-11:00 Coffee Break 11:00-11:25 Results and Plans for HyperFast Silicon based on 2016 PICOSEC data Speaker Speaker Speaker Michael J. Minot 11:50-12:15 LGAD Speaker Babian Alexander Forster 12:51-12:40 TOTEM timing Detector Speaker Michael Steart	09:00-09:05	Welcome
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Speakers

Fulvio Tessarotto, Silvia Dalla Torre

14:25-14:50 New Directions on Robust Photocathodes

Speaker

John Smedley

14:50-15:15 MPGD Fast Electronics

Speaker

Hans Muller

15:15-15:40 **Fast timing techniques**

Speaker

Angelo Rivetti

15:40-16:05

Using Fast Timing to Separate Scintillation and Cherenkov Light for THEIA at Homestake

Speaker

Josh Klein

16:05-16:25 Coffee Break

16:25-16:50 New Transimpedance Fast preamplier used in PICOSEC for silicon

Speaker

Mitchell Franck Newcomer

16:50-17:15 News on "SuperNino"

Speaker

Crispin Williams

17:15-17:40 Status of development on the SAMPIC Waveform TDC

Speaker

Dominique Robert Breton

17:40-18:05 new TDC chip to accompany the PETIROC developed by OMEGA group

Speakers

Herve Mathez, Imad Laktineh

18:30

Wednesday 22 February

09:00-09:25	Advantages of fast sampling for timing measurements
Speaker	
Nicola Minafra	
09:25-09:50	
	tion of a MCP-PMT and test infrastructure in the solid state detector
lab	
Speaker Matteo Centis \	/ignali
09:50-10:15	A Picosecond X-ray Source
Speaker	
Filippo Resnati	
10:15-10:35	Coffee Break
10:35-11:05	"Tynodes"
Speaker	
Harry Van Der (Graaf
11:05-11:30	
	otype for the fast timing mpgd (FTM) and the development of fast
	ctronics (FATIC)
Speakers	
Antonio Ranieri	, Piet Verwilligen
11:30-11:55	Gas detector modelling for fast timing detectors
Speaker	
Diego Gonzalez	: Diaz
11:55-12:10	RD51 Precise Timing Workshop Closeout
Speaker	