



TOPICAL WORKSHOP ON FRONT END ELECTRONICS FOR GAS DETECTORS

Lectures Session

Tue 15/6

Welcome and Intro <i>remote-only by Zoom</i>	<i>Leszek Ropelewski et al.</i> 14:00 - 14:05
Introduction to Front-End Electronics for Particle Detectors <i>remote-only by Zoom</i>	<i>Flavio Loddo et al.</i> 14:05 - 14:35
Strategies for Integration between FE Electronics and Detectors <i>remote-only by Zoom</i>	<i>Roberto Cardarelli</i> 14:35 - 15:05
Design of a Front-End ASIC for the New Small Wheel - Front-end design in CMOS <i>remote-only by Zoom</i>	<i>Gianluigi De Geronimo et al.</i> 15:05 - 15:35
ROC chips for timing <i>remote-only by Zoom</i>	<i>Christophe De La Taille</i> 15:35 - 16:05



Applications Session

Tue 15/6

Intro <i>remote-only by Zoom</i>	<i>Eraldo Oliveri et al.</i> 16:20 - 16:25
Time Projection Chambers <i>remote-only by Zoom</i>	<i>Paul Colas et al.</i> 16:25 - 16:50
Nuclear Physics <i>remote-only by Zoom</i>	<i>Julien Pancin</i> 16:50 - 17:15
Drift Chamber / Cluster Counting <i>remote-only by Zoom</i>	<i>Francesco Grancagnolo et al.</i> 17:15 - 17:40
Timing <i>remote-only by Zoom</i>	<i>Edoardo Bossini</i> 17:40 - 18:05
Neutrons <i>remote-only by Zoom</i>	<i>Richard Hall-Wilton</i> 18:05 - 18:30

Wed 16/6

Calorimetry <i>remote-only by Zoom</i>	<i>Imad Laktineh et al.</i> 14:00 - 14:25
Tracking and Triggering <i>remote-only by Zoom</i>	<i>Giulietto Felici</i> 14:25 - 14:50



Developments Session

Wed 16/6

Discrete Electronics

BIS78 RPC RO <i>remote-only by Zoom</i>	<i>Luca Pizzimento et al.</i> 14:55 - 15:15
APIC <i>remote-only by Zoom</i>	<i>Hans Muller</i> 15:15 - 15:35

Digitizers

Fast Digitizer for Particle Physics <i>remote-only by Zoom</i>	<i>Nicola Minafra</i> 16:10 - 16:25
Architecture of the SAMPIC digitizer <i>remote-only by Zoom</i>	<i>Dominique Robert Breton</i> 16:25 - 16:40
Fast timing electronics R&D based on waveform digitization <i>remote-only by Zoom</i>	<i>Jiajun Qin et al.</i> 16:40 - 16:55

Pixels

Intro <i>remote-only by Zoom</i>	<i>Jochen Kaminski</i> 16:55 - 17:00
TimePix and MediPix <i>remote-only by Zoom</i>	<i>Michael Campbell</i> 17:00 - 17:20
Pixel Integration - GridPix <i>remote-only by Zoom</i>	<i>Jochen Kaminski</i> 17:20 - 17:40
Pixel Integration - GEMPix <i>remote-only by Zoom</i>	<i>Fabrizio Murtas</i> 17:40 - 18:00
Pixel chip development for tracking type gaseous detectors <i>remote-only by Zoom</i>	<i>Anatoli Romaniouk</i> 18:00 - 18:15



Developments Session

Thu 17/6

Linear Chips

Intro	<i>Sorin Martoiu</i>
<i>remote-only by Zoom</i>	14:00 - 14:30
ROC (OMEGA) Family	<i>Stephane CALLIER et al.</i>
<i>remote-only by Zoom</i>	14:30 - 14:40
VMM	<i>George Iakovidis</i>
<i>remote-only by Zoom</i>	14:40 - 14:50
*XYTER	<i>Krzysztof Kasiński et al.</i>
<i>remote-only by Zoom</i>	14:50 - 15:00
GEMROC (AGH)	<i>Tomasz Andrzej Fiutowski</i>
<i>remote-only by Zoom</i>	15:00 - 15:10
TIGER	<i>Manuel Dionisio DA ROCHA ROLO et al.</i>
<i>remote-only by Zoom</i>	15:10 - 15:20
New ASIC (INFN TO)	<i>Manuel Dionisio DA ROCHA ROLO et al.</i>
<i>remote-only by Zoom</i>	15:20 - 15:30
VFAT	<i>Francesco Licciulli</i>
<i>remote-only by Zoom</i>	15:30 - 15:40
New ASIC (INFN Ba)	<i>Francesco Licciulli</i>
<i>remote-only by Zoom</i>	15:40 - 15:50
AFTER/AGET	<i>Pascal Baron</i>
<i>remote-only by Zoom</i>	16:10 - 16:20
SAMPA	<i>Marco Bregant</i>
<i>remote-only by Zoom</i>	16:20 - 16:30
New ASIC (TPC)	<i>Damien Neyret et al.</i>
<i>remote-only by Zoom</i>	16:30 - 16:40
WASA	<i>Zhi Deng et al.</i>
<i>remote-only by Zoom</i>	16:40 - 16:50
PADI	<i>Mircea Iuliu Ciobanu</i>
<i>remote-only by Zoom</i>	16:50 - 17:00
GEMINI	<i>Andrea Abba</i>
<i>remote-only by Zoom</i>	17:00 - 17:10

TDC

PicoTDC	<i>Jorgen Christiansen</i>
<i>remote-only by Zoom</i>	17:10 - 17:40