

# Lectures

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

# Applications

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

# Applications

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

# Discrete Electronics

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

# Digitizers

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

# Pixels

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

# Linear ASICs

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

# TDC

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