

ISOTDAQ2014

5th International School of Trigger and Data Acquisition

28th January – 5th February 2014,
Wigner Research Centre for Physics,
Budapest, Hungary

Registration until: November 1, 2013
Mail: isotdaq2014@wigner.mta.hu
Web: <http://isotdaq2014.wigner.mta.hu>

Target audience: Physics, IT and Engineering MSc and PhD students
School content: 50% lectures and 50 % practical exercises

Topics

Trigger

NIM Electronics
Front-end electronics
FPGA Programming

Data Acquisition

ADC, TDC, Detector Readout
Event & Buffer Management
DAQ Control Software
Storage Technologies
Lab View
Micro Controllers

Data Transfer Technologies

VMEbus, xTCA
PCI, PCIe
Data Networks

DAQ Software

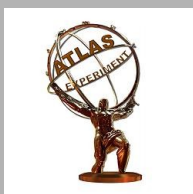
Threaded programming
C/C++, ROOT

Review Talks

LHC Experiments
ALICE, ATLAS & CMS
TDAQ Architectures

Advisory Committee

Gergely G. Barnaföldi (*Wigner RCP of the HAS*)
Markus Joos (*CERN*)
Krzysztof Korcyl (*Polish Academy of Sciences*)
Kostas Kordas (*Aristotle Univ. of Thessaloniki*)
Livio Mapelli (*CERN*)
Niko Neufeld (*CERN*)
Enrico Pasqualucci (*Universita and INFN Roma*)
Hannes Sakulin (*CERN*)
Dan Savu (*CERN*)
Christoph Schwick (*CERN*)
Gokhan Unel (*University of California Irvine*)



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