

Table of Contents

The philosophy.....	1
Practical aspects.....	2
Room.....	2
Set-up of the exercises.....	2
Current status of the exercises.....	2
Voluntary tutors.....	2
Requests for access.....	2

The philosophy

The lectures that were given at the school in Rome [\[7\]](#) have been filmed and will soon be available on via the Web. This will allow everyone with an interest in the lectures to watch them at any time. It is expected that a number of CERN based people (summer students, technical students, young physicists and engineers involved in one of the experiments) will make use of this offer. In order to allow them to also do the exercises (to the extent possible) we had the idea of setting up one copy of each exercise in a permanent way at CERN. This also has the advantage that the exercises stay alive which reduces the effort in the preparatory phase of an external school.

Practical aspects

Room

The exercises will be set up in room 4-S-54

Set-up of the exercises

It is planned to set-up as many of the exercises from Ankara as possible. In order to keep the cost low (pool rental) some equipment has to be shared between exercises. For this reason and because the room is small only one group (1 tutor and up to 4 students) can work in 4-S-54 at any time.

Current status of the exercises

Nr.	Title	Responsible	Status
1	VMEbus data transfer	M. Joos	ready
2	Trigger Exercise	F. Pastore W. Vandelli	ready
3	Scintillator, Trigger(NIM) and Oscilloscope	J. Petersen, M. Joos	ready
4	Scintillator DAQ system	J.Petersen, M. Joos	ready
5	Programming an FPGA	D. Gigi H. Sakulin	To be prepared
6	Data readout from a PCI module	H. Sakulin D. Gigi	To be prepared
9	Network Lab	J.-C. Garnier D. O. Savu	To be prepared
10a	μ C-based DAQ - Part A	O. Cobanoglu	To be prepared
10b	μ C-based DAQ - Part B	D. O. Savu J.-C. Garnier O. Cobanoglu N. Neufeld	To be prepared
11	Data storage technologies	A. Telesca	To be prepared
12	DAQ Online Software system	L. Magnoni	To be prepared

Voluntary tutors

Feel free to add your name to the list

Name	Contact details	Exercises
Markus Joos	Markus.Joos@cernNOSPAMPLEASE.ch	1,3,4

Requests for access

The table below is to be filled in by the students. I case you have no access to Twiki send a mail with the required information to markus.joos@cernNOSPAMNOSPAMPLEASE.ch.

Name of student	Number of exercise	Preferred dates
-----------------	--------------------	-----------------

-- MarkusJoos - 16-Mar-2011

This topic: Sandbox > DaqSchoolLab

Topic revision: r9 - 2011-07-06 - MarkusJoos



Copyright &© 2008-2022 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)