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Subject: Re: Concept Program for Computing Workshop in Torino  
Posted by [Johan Messchendorp](#) on Thu, 21 Jun 2012 21:11:26 GMT  
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Dear all,

Hereby an update of the preliminary program for the computing week in Torino after some discussions. In addition a few instructions for the lecturers and participants can be found at the end of this message. Comments are always welcome!

Monday

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9-12 arrival

14:00-16:00 "Features of fairroot, collaborative tools, and introduction on how to setup a detector setup" - Florian

(special wish: toy detector to learn basics/guide to setting up development tools)

16:30-18:00 Working session

Tuesday

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9:00-10:30 "Introduction to PandaRoot, running a reconstruction chain from scratch, and general data structure" - Stefano

11:00-12:30 "How to make decent (panda) code?" - Tobias

14:00-16:00 Short (~15 minutes) presentations on event reconstruction for Panda detectors

STT - Lia

EMC - Dima (EVO)

MVD - Tobias

GEM - Radek

FS - Elisa

Muon - Stefano

TOFs - Alicia

16:30-18:00 Working session

Wednesday

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9:00-12:30 "Tracking" - Lia

14:00-16:00 "PID" - Stefano/Mohammad B./Gosia

(special wish: how to write your own efficiency and resolution macro)

16:30-18:00 Working session

Thursday

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9:00-10:30 "Event generator in Panda" - Martin/...

11:00-12:30 "Analysis" - Klaus

14:00-16:00 "Time-structured simulations" - Tobias

(special wish: info on MC association would also be very welcome)

16:30-18:00 Working session

Friday

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9:00-12:00 "Workgroup formation" - Johan

14:00 Departure

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Instructions for the lecturers:

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- 1) Make your presentation as interactive as possible: ask questions to participants, give them tasks to work out (we can have dedicated time blocks for this in the afternoon). One can give tasks for beginners as well as for more advanced developers.
- 2) During the presentation, try to address typical programming pitfalls (from personal experiences or from examples).
- 3) You can use the "simple detector" implementation to explain concepts and/or use as a basis for tasks to work out by the participants.

Instructions for the participants:

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- 1) Bring your own laptop and make sure that pandaroot is properly installed: jan12 external packages+latest release of pandaroot (still in progress). The workshop is not intended to learn on how to install software!
- 2) The lecturers will assume that you have some experiences in writing C++ code.
- 3) The intention of the workshop is to prepare potential new developers to start working with pandaroot. In view of this, we will have on the last day a session devoted to setting up working groups and defining tasks to work on. Hence, it would be good if you talk to your supervisor beforehand and to think of what your contribution could be in the code developments for Panda.