

Dear all,

Please find below a first concept for the program of the computing week. I also placed some names of experts to the relevant topics. Hence, I would also like to have the feed-back from those who find their name in the program. Comments, suggestions, corrections, input, etc... are welcome!

Greetings,

Johan.

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Monday

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9-12 arrival

14-17 "Overall framework structure"

Overview of the framework - Florian/Radek

Panda data structure - Stefano

Tuesday

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9-12 "Software development, howto"

9-11 How to write decent (panda) code? - Tobias

11-13 Collaborative and code development tools - Florian

14-17 "PandaRoot event reconstruction"

STT - Lia

EMC - Dima

MVD - Tobias

GEM - Radek

FS - Elisa

Wednesday

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9-12 "Tracking algorithms and code design" - Lia

14-17 "PID and analyses software, algorithms and code design"

PID framework - Stefano/Mohammad B.

Analysis framework - Klaus G.

Thursday

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9-12 "How to run your physics channel and do a physics analysis"

Generators - Bjoern

14-17 "time-structured simulations" - Tobias

Friday

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9-12 "Workgroup formation" - Johan.

14 Departure

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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.

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Subject: EVO meeting, mo, 2 july, 10:00

Posted by [Johan Messchendorp](#) on Sun, 01 Jul 2012 11:25:29 GMT

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Dear all,

For those interested, tomorrow (Monday at 10:00) there will be an EVO session discussing the program and organization of the upcoming computing workshop in Torino. I encourage also the participants to give their input during this meeting. Coordinates are given below.

Greetings,

Johan.

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Title: computing workshop Torino  
Description: computing workshop Torino  
Community: Panda

Meeting Access Information:

- Meeting URL

<http://evo.caltech.edu/evoNext.2.7/koala.jnlp?meeting=MMMeMn2M2uD2Ds9a9M D29M>

- Phone Bridge

ID: 552 0482

Central Daylight Time (-0500)

Start 2012-07-02 09:30

End 2012-07-02 12:30

Japan Standard Time (+0900)

Start 2012-07-02 23:30

End 2012-07-03 02:30

Central European Summer Time (+0200)

Start 2012-07-02 16:30

End 2012-07-02 19:30

Eastern Daylight Time (-0400)

Start 2012-07-02 10:30

End 2012-07-02 13:30

Pacific Daylight Time (-0700)

Start 2012-07-02 07:30  
End 2012-07-02 10:30

#### EVO Phone Bridge Telephone Numbers:

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- USA (Caltech, Pasadena, CA)  
+1 626 395 2112

- Switzerland (CERN, Geneva)  
+41 22 76 71400

- Slovakia (UPJS, Kosice)  
+421 55 234 2420

- Italy (INFN, several cities)  
[http://server10.infn.it/video/index.php?page=telephone\\_numbers](http://server10.infn.it/video/index.php?page=telephone_numbers)  
Enter '4000' to access the EVO bridge

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- United Kingdom (University of Manchester)  
+44 161 306 6802

- Australia (ARCS)  
+61  
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Canberra 02 6112 8742  
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Sydney 02 8212 4591

- Netherlands (Nikhef, Amsterdam)  
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- Czech Republic (CESNET, Prague)  
+420 95 007 2386

- France (RAP, Paris)  
+33 144 27 81 50

- Skype (tm) (World-wide)

evo.phone

See: <http://evo.caltech.edu/evoGate/Documentation/extclient/skype/skype.html>

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Subject: Re: Concept Program for Computing Workshop in Torino

Posted by [Klaus Götzen](#) on Tue, 17 Jul 2012 12:24:25 GMT

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Dear colleagues,

I uploaded the current (and most likely final) version of my slides for the workshop to Indico.  
Feel free to take a look.

<https://indico.gsi.de/conferenceOtherViews.py?view=nicecompact&confid=1602>

Best wishes,

Klaus

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Subject: Re: Concept Program for Computing Workshop in Torino

Posted by [Mamen](#) on Tue, 17 Jul 2012 15:08:28 GMT

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Hi Klaus,

thanks for your slides... but would it be possible for you to upload a version in pdf? Some of the transparencies look kinda funny (and unreadable) when opened with OpenOffice...  
Just a suggestion...

Greetings,

Mamen

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Subject: Re: Concept Program for Computing Workshop in Torino

Posted by [Klaus Götzen](#) on Tue, 17 Jul 2012 17:12:05 GMT

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Hi Mamen,

good idea, just uploaded it as pdf! Of course now some of the animations are spoiled, but maybe the rest is better readable.

Best,

Klaus

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Subject: Re: Concept Program for Computing Workshop in Torino  
Posted by [Mamen](#) on Tue, 17 Jul 2012 22:41:43 GMT

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Thanks a lot!

It looks much better now in my computer!

Cheers,  
Mamen

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