



Panda Computing Workshop

Torino, July 23-27, 2012



History....

6th PANDA Computing Workshop

27 November - 1 December 2006,

INFN, Frascati, Italy

Workshop Organisers:

Bertram Kopf (Bochum), Soeren Lange (Giessen), Johan
Messchendorp (KVI/RuG)

Local Organisers:

Paola Gianotti, Olaf Hartmann, Donatella Pierluigi

Number of Participants:

55!!!

record



Photo: Klaus Goetzen

Frascati Workshop - PandaRoot tutorials

	Monday	Tuesday	Wednesday	Thursday	Friday
9:15-10:45	-	Introduction to VMC (Ivana Hrivnacova)	PandaRoot Parameters (Denis Bertini)	Working session simulation of physical channels	Working session event filtering and reconstr.
10:45-11:15	-	Break	Break	Break	Break
11:15-12:45	-	Introduction to PandaRoot (Mohammed Al-Turany)	Event generators for PandaRoot (Stefano Spataro/Dmytro Kresan)	Working session simulation of physical channels +track. discussion	Working session event filtering and reconstr.
13:15-14:45	-	Lunch	Lunch	Lunch	12:30 Departure
14:45-16:15	Introduction to ROOT (Andrea Fontana)	Detector implementation (Ralph Castelijns)	14:15 Train to Rome	PandaRoot on Alien² Grid (Dan Protopopescu)	
16:15-16:45	Break	Break	-	Break	
16:45-18:15	Introduction to ROOT (Andrea Fontana)	Working session detector implementation	-	Overview Beta Analysis (Marc Pelizaeus)	
18:15-19:30	-	-	-	-	
20:00-??	Welcome Pizza dinner	Steering group meeting	-	Workshop Diner	

Photo: Klaus Goetzen

After Frascati

VARIOUS WORKSHOPS IN FERRARA, MUENICH, GRONINGEN, KVI, GSI, JUELICH, TORINO,

TOPICS: ANALYSIS TUTORIALS, TRACKING, PATTERN RECOGNITION, PID, COMPUTING MODEL, MANY MANY GRID, FRAMEWORK, SYNERGY ALICE/CBM, ...

(I LOST COUNT...)



Torino, July 2012!!! Why?

FOR A LONG TIME, NO GENERAL COMPUTING WORKSHOP

SOFTWARE DEVELOPMENTS: LOTS OF ROOM FOR (NEW) INPUT!

... WELL, THE WEATHER IS MUCH BETTER HERE THAN AT HOME

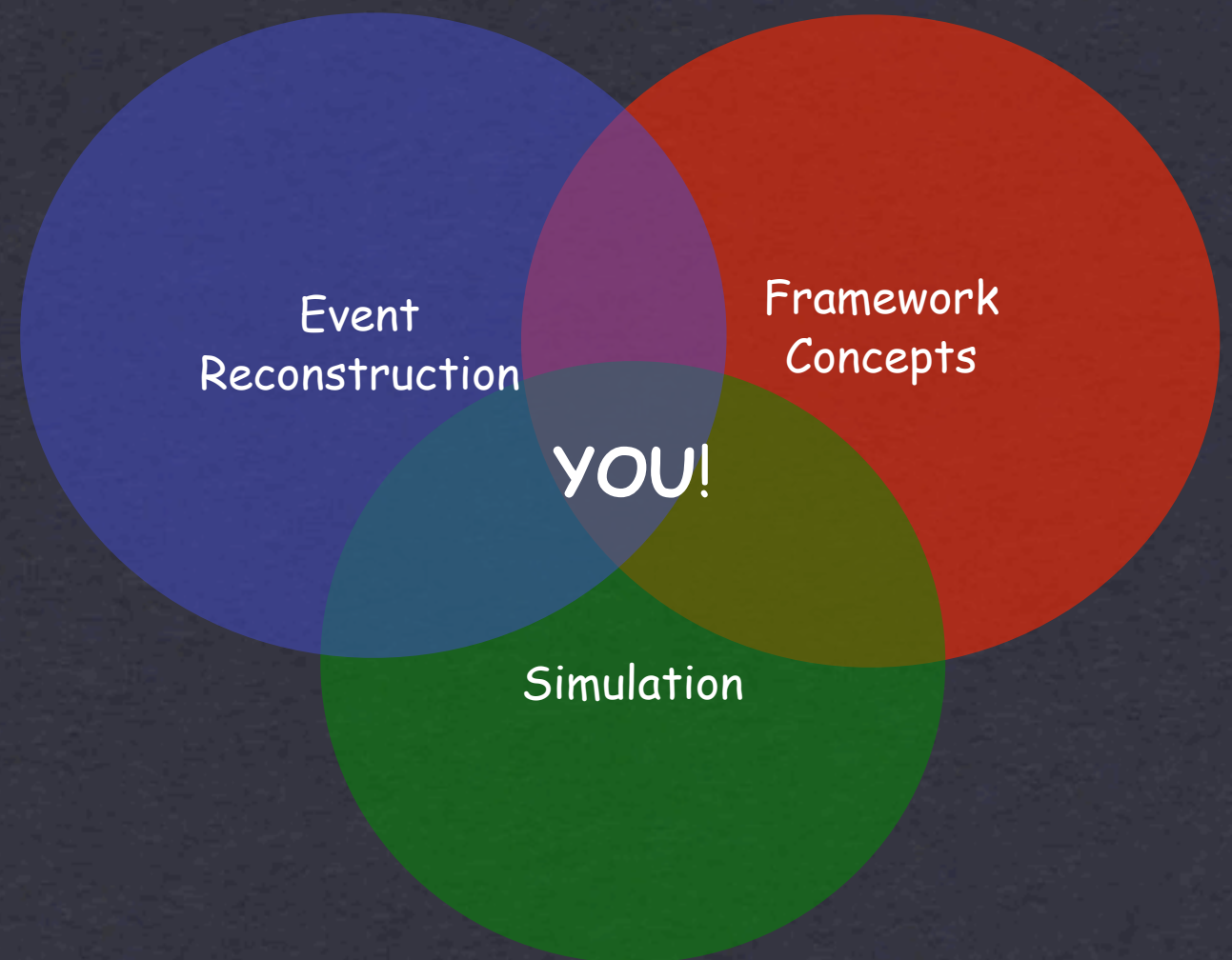


What are the themes?

FRAMEWORK CONCEPTS & PITFALLS

**PANDA AND PANDAROOT SPECIFICS & CONCEPTS:
RECONSTRUCTION, TRACKING, PARTICLE ID, AND ANALYSIS**

TIME-BASED SIMULATIONS

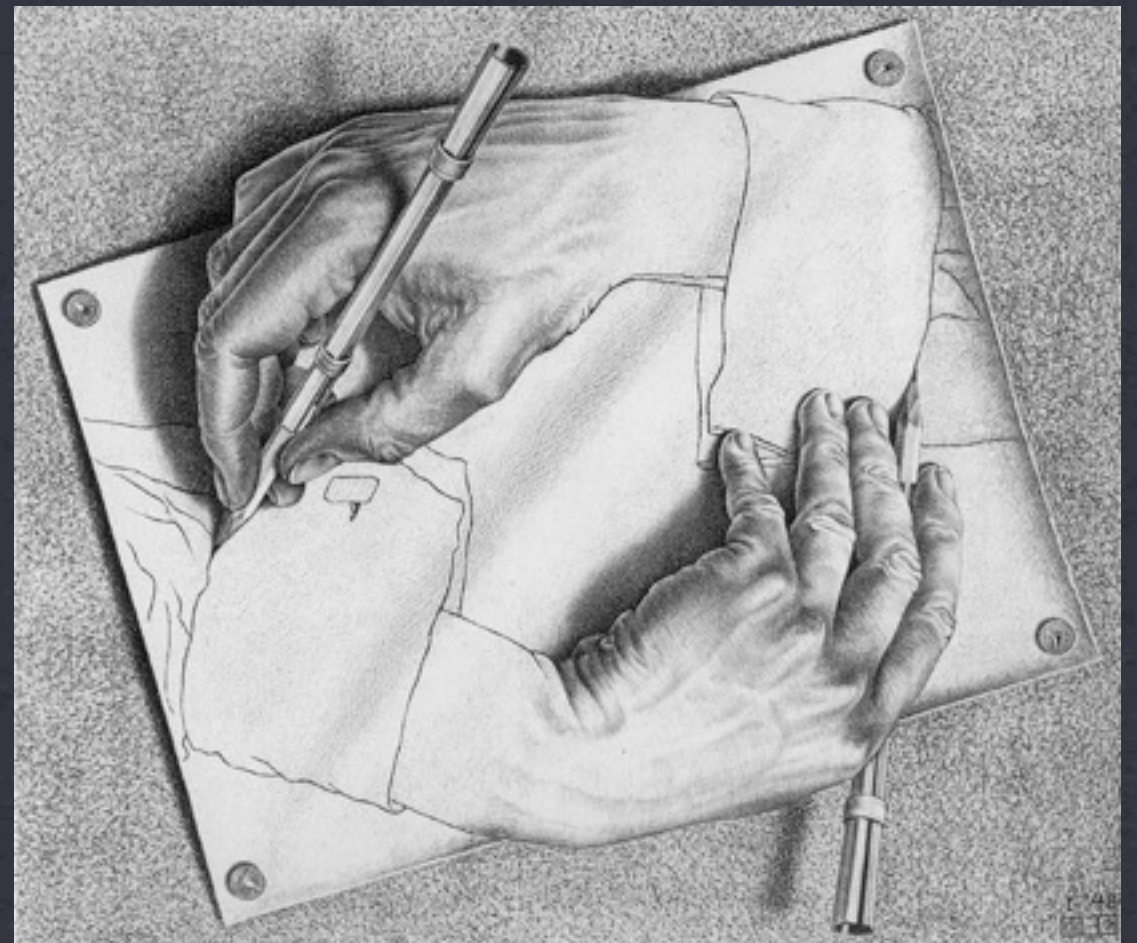


The structure...

(INTERACTIVE) LECTURES AS GUIDELINES

WORKING SESSIONS WITH HELP

ROOM FOR DISCUSSIONS



M.C. ESCHER

The tentative program...

	Monday 23 July 2012	Tuesday 24 July 2012	Wednesday 25 July 2012	Thursday 26 July 2012	Friday 27 July 2012
AM		09:00 Introduction to PandaRoot- Johan Messchendorp (KVI/University of Groningen) Stefano Spataro (University of Torino, INFN Torino) Tobias Stockmanns (Forschungszentrum Jülich GmbH) (until 10:30)	09:00 Tracking- Lia Lavezzi (INFN Pavia) (until 10:30) 10:30 --- Coffee Break --- 11:00 Tracking- Lia Lavezzi (INFN Pavia) (until 12:30) 12:30 --- Lunch ---	09:00 Generator+Physics Analysis- Martin J. Galuska (PANDA Collaboration / II. Physik JLU Gießen) Klaus Götzen (GSI Helmholtzzentrum für Schwerionenforschung GmbH) (until 10:30) 10:30 --- Coffee Break --- 11:00 Physics Analysis- Klaus Götzen (GSI Helmholtzzentrum für Schwerionenforschung GmbH) (until 12:30) slides  12:30 slides pdf  12:30 --- Lunch ---	09:00 Analysis + Working Session part II- Klaus Götzen (GSI Helmholtzzentrum für Schwerionenforschung GmbH) (until 10:30) 10:30 --- Coffee Break --- 11:00 Workgroup Formation- Johan Messchendorp (KVI/University of Groningen) (until 12:30) 12:30 --- Lunch ---
		10:30 --- Coffee Break --- 11:00 Introduction to PandaRoot- Johan Messchendorp (KVI/University of Groningen) Stefano Spataro (University of Torino, INFN Torino) Tobias Stockmanns (Forschungszentrum Jülich GmbH) (until 12:30)			
		12:30 --- Lunch ---			
PM	14:00 Introduction to workshop- Johan Messchendorp (KVI/University of Groningen) (until 14:15)	14:00 PandaRoot detector specifics- Dmytro Melnychuk (Soltan Institute for Nuclear Studies (IPJ)(IPJ)) Lia Lavezzi (INFN Pavia) Tobias Stockmanns (Forschungszentrum Jülich GmbH) Radoslaw Karabowicz (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)) Elisa Fioravanti (INFN Ferrara) Stefano Spataro (University of Torino, INFN Torino) Alicia Sanchez (GSI Helmholtzzentrum für Schwerionenforschung GmbH) Klaus Götzen (GSI Helmholtzzentrum für Schwerionenforschung GmbH) (until 16:00) DIRC  16:00	14:00 PID- Stefano Spataro (University of Torino, INFN Torino) Malgorzata Gumberidze (IPNO) Mohammad Babai (Kernfysisch Versneller Instituut (KVI)(KVI)) (until 16:00)	14:00 Time-based simulations- Tobias Stockmanns (Forschungszentrum Jülich GmbH) (until 16:00)	
	14:15 Fairroot & "a toy setup"- Florian Uhlig (GSI Darmstadt) (until 16:00)			16:00 --- Coffee Break ---	
	16:00 --- Coffee Break ---		16:00 --- Coffee Break ---	16:30 Working Session (until 18:00)	
	16:30 Fairroot & "a toy setup"- Florian Uhlig (GSI Darmstadt) (until 18:30)		16:30 Working Session (until 18:00)	20:00 --- Social Dinner ---	
	18:30 --- Welcome Cocktail ---				
		16:00 --- Coffee Break ---			
		16:30 Working Session (until 18:00)			

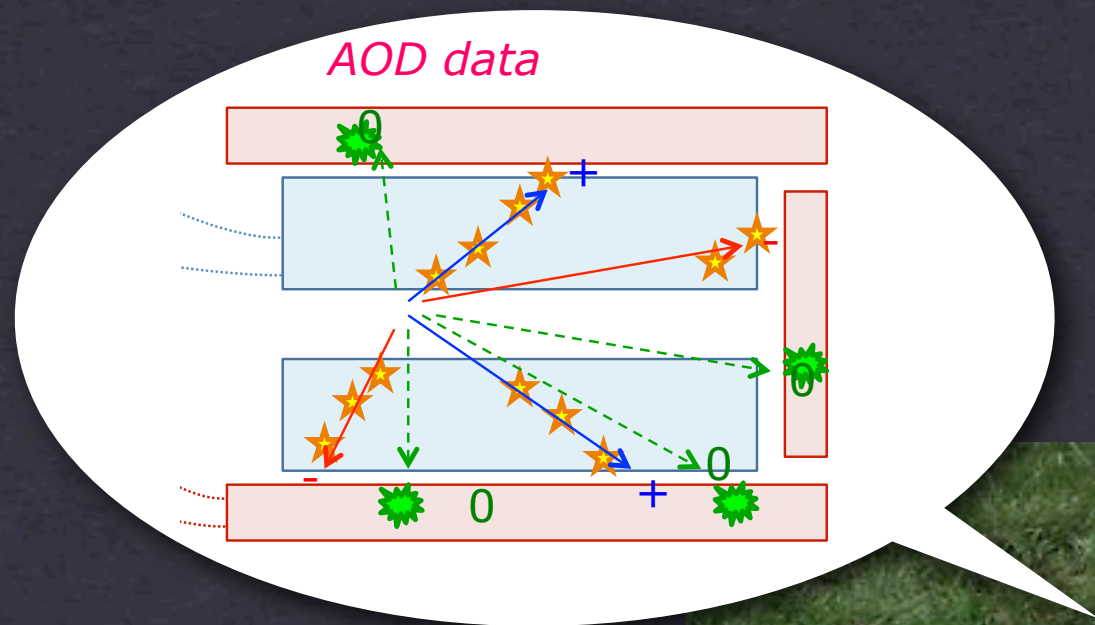
Participants...

TOTAL: 51 STATISTICALLY COMPATIBLE WITH FRASCATI EVENT!!!

COUNTRIES: 8 (AUSTRIA,FRANCE,GERMANY,INDIA,ITALY,NETHERLANDS,RUSSIA,SWEDEN)

INSTITUTES: 19

Happy computing!



STEFANO SPATARO, FACEBOOK