ATLAS Computing Technical Interchange Meeting

Tuesday 31 May 2011 - Thursday 02 June 2011

Joint Institute For Nuclear Research (Dubna)

Programme

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Tuesday 31 May 2011

Registration (08:00-09:00)

Welcome (09:00-09:15)

Russian Grid Segment and Tier1 Perspectives (09:15-09:45)

   - **Presenters: ILIN, Viatcheslav**

Grid Activities in JINR (09:45-10:15)

   - **Presenters: KORENKOV, Vladimir**

ATLAS Computing (10:15-10:45)

   - **Presenters: SHANK, Jim**

Tier-3 (11:15-12:30)
   - **Conveners: Benjamin, Doug; Filipcic, Andrej**

time	[id] title	presenter
11:15	[39] Introduction	BENJAMIN, Doug
11:20	[40] Ntuple Analysis	BENJAMIN, Doug
11:40	[38] ATLAS Distrubted Analysis	BENJAMIN, Doug
11:55	[22] Proof	GANIS, Gerardo

Tier-3 (13:30-15:00)
   - **Conveners: Benjamin, Doug; Filipcic, Andrej; Andreeva, Julia**

time	[id] title	presenter
13:30	[17] Introduction	OLEYNIK, Danila PETROSYAN, Artem
13:40	[18] DUBNA Tier 3 site. Current Status	PETROSYAN, Artem OLEYNIK, Danila
14:00	[19] Tier 3 Monitoring Project. Short term plans	OLEYNIK, Danila PETROSYAN, Artem
14:20	[20] JINR infrastructure for Tier 3 simulation	KUTOUSKI, Mikalai
14:40	[21] xRootd monitoring for local site. Tutorial.	BELOV, Sergey KADOCHNIKOV, Ivan

ATLAS Distributed Computing. PanDA, PD2P, Production System (15:20-18:00)
   - **Conveners: De, Kaushik; Dr. Klimentov, Alexei; Dr. Walker, Rodney**

time	[id] title	presenter
15:20	[3] Production System	Dr. WALKER, Rodney VANIACHINE, Alexandre TOJO, Junji
	- [0] Production System Evolution	
	- [1] Physics Groups Production	

		- [2] High memory jobs	
		- [3] multi-core jobs	
16:00	[4] PD2P, tasks (re)brokering		DE, Kaushik
16:30	[5] data11 data and Group Prpduction		Dr. KLIMENTOV, Alexei
16:50	[6] High rate data processing (possible ADC scenarios)		Dr. KLIMENTOV, Alexei
17:10	[7] Discussion		

Welcome drink (18:30-20:00)

Wednesday 01 June 2011

RnD and TaskForces. Event level caching. (08:30-10:30)

 - Conveners: Fons Rademakers; Dr. Wenaus, Torre

time	[id] title	presenter
08:30	[12] Introduction	Dr. WENAUS, Torre
08:40	[13] WAN data access and caching in ROOT	RADEMAKERS, Fons
09:20	[14] Status and plans for ATLAS event storage layout and WAN access	VUKOTIC, Ilija
09:50	[37] IO tests at Desy GridLab	DUCKECK, Guenter
10:10	[15] Implementing cache-aware brokerage in PanDA	Dr. WENAUS, Torre

RnD and TaskForces. Cloud Computing, Virtualization, CVMFS (10:50-14:15)

 - Conveners: Campana, Simone; Panitkin, Sergey; Blomer, Jakob; De Salvo, Alessandro

River excursion and conference dinner (14:30-19:30)

Thursday 02 June 2011

RnD and Task Forces. Relational and non-relational databases. Grid Information System (08:30-11:30)

noSQL database(s) evaluation

ATLAS Grid Information System

Science Database (P.Velikhov, A.Vanyashin - TBD)

 - Conveners: Canali, Luca; Di Girolamo, Alessandro

time	[id] title	presenter
08:30	[0] noSQL database(s) evaluation	
09:15	[1] ATLAS Grid Information System	
10:25	coffee break	
10:45	[2] Science Database (SciDB) - Massively Parallel Database for Scientific Research	VANIACHINE, Alexandre Dr. VELIKHOV, Pavel

Data Storage Evolution (11:30-12:30)
 - Conveners: Duellmann, Dirk; Hanushevsky, Andrew; Duckeck, Guenter

time	[id] title	presenter
11:30	[32] DPM Development Plans	Dr. SCHULZ, Markus
11:50	[31] Lustre Storage Configuration at OU SWT2	Dr. SEVERINI, Horst
12:10	[35] CHIRP experience and plans	Dr. WALKER, Rodney

Data Storage Evolution (13:30-15:00)
 - Conveners: Duellmann, Dirk; Hanushevsky, Andrew; Duckeck, Guenter

time	[id] title	presenter
13:30	[33] dCache Developments & Plans	DUCKECK, Guenter
13:50	[30] XROOT Futures	HANUSHEVSKY, Andrew
14:20	[34] CASTOR & EOS development and deployment plans at CERN	DUELLMANN, Dirk
14:40	[36] Discussion on Storage Futures	

Tier2 and Distributed Computing Operations (15:00-17:30)
 - Conveners: Milos Lokajicek; Jezequel, Stephane; Dr. Mount, Richard; Carlino, Giampaolo

time	[id] title	presenter
15:00	[23] Transfer path and LHCONE	
15:20	[26] Multi-VO support in ATLAS sites	GARDNER, Robert
15:50	[27] Operating large scale testbeds	Dr. MOUNT, Richard
16:20	[28] Management of user storage/data	UEDA, I
16:50	[29] Analysis model	KERSEVAN, Borut

Closing remarks (17:30-18:00)