



# **Computing in High Energy and Nuclear Physics (CHEP) 2012**

## **Monday, 21 May 2012**

**Poster Session: set-up for session 1 - Rosenthal Pavilion (10th floor) (13:30 - 18:15)**

# Tuesday, 22 May 2012

## Poster Session: session 1 - Rosenthal Pavilion (10th floor) (13:30 - 18:15)

[id] title	presenter	board
[517] Sysematic analysis of job failures at a Tier-2, and mitigation of the causes.	PURDIE, Stuart	
[197] Centralized configuration system for a large scale farm of network booted computers	DARLEA, Georgiana Lavinia	
[398] A General Purpose Grid Portal for simplified access to Distributed Computing Infrastructures	BENCIVENNI, Marco	
[188] From toolkit to framework - the past and future evolution of PhEDEx	Dr WILDISH, Tony	
[21] Computing On Demand: Dynamic Analysis Model	MANAFOV, Anar	
[430] IFIC-Valencia Analysis Facility	Mr VILLAPLANA PEREZ, Miguel	
[438] Performance of Standards-based transfers in WLCG SEs	SKIPSEY, Sam	
[557] Data transfer test with 100 Gb network	Mr PI, haifeng	
[311] Performance Tests of CMSSW on the CernVM	GOWDY, Stephen	
[333] Automating ATLAS Computing Operations using the Site Status Board	Mr MAGRADZE, Erekle	
[272] The next generation ARC middleware and ATLAS computing model	FILIPCIC, Andrej	
[344] Recent Improvements in the ATLAS PanDA Pilot	NILSSON, Paul	
[33] E-Center: collaborative platform for the Wide Area network users	Mr GRIGORIEV, Maxim	
[433] Experience of using the Chirp distributed file system in ATLAS	WALKER, Rodney	
[275] Evolution of ATLAS PanDA System	MAENO, Tadashi	
[524] The CC1 project - Cloud Computing for Science	Mr ZDYBAL, Milosz	
[92] Scaling the AFS service at CERN	WIEBALCK, Arne	
[342] ATLAS Distributed Computing Shift Operation in the first 2 full years of LHC data taking	SCHOVANCOVA, Jaroslava	
[64] New data visualization of the LHC Era Monitoring (Lemon) system	FEDORKO, Ivan	
[265] ATLAS R&D Towards Next-Generation Distributed Computing	ATLAS, Collaboration	
[208] Using Virtual Lustre Clients on the WAN for Analysis of Data from High Energy Experiments	Dr BOURILKOV, Dimitri	
[190] The PhEDEx next-gen website	Dr WILDISH, Tony	
[186] Cloud based multi-platform data analysis application	XU, Neng	
[435] Grid Information Systems Revisited	Mr FIELD, Laurence	
[99] A business model approach for a sustainable Grid infrastructure in Germany	Dr ANTONI, Torsten	
[437] Deployment and Operational Experiences with CernVM-FS at the GridKa Tier-1 Center	Mr PETZOLD, Andreas	
[237] Hunting for hardware changes in data centers.	COELHO DOS SANTOS, Miguel	
[295] Configuration management and monitoring of the middleware at GridKa	NILSEN, Dimitri Dr WEBER, Pavel	

<b>[196] Upgrade and integration of the configuration and monitoring tools for the ATLAS Online farm</b>	DARLEA, Georgiana Lavinia	
<b>[347] A Study of ATLAS Grid Performance for Distributed Analysis</b>	PANITKIN, Sergey	
<b>[309] INFN Tier1 test bed facility.</b>	Mr RICCI, Pier Paolo	
<b>[198] Tools and strategies to monitor the ATLAS online computing farm</b>	DARLEA, Georgiana Lavinia	
<b>[206] CRAB3: Establishing a new generation of services for distributed analysis at CMS</b>	SPIGA, Daniele	
<b>[3] Bolting the Door</b>	Dr CROOKS, David	
<b>[98] The Fermi-LAT Dataprocessing Pipeline</b>	Mr ZIMMER, Stephan	
<b>[191] Combining virtualization tools for a dynamic, distribution agnostic grid environment for ALICE grid jobs in Scandinavia</b>	WAGNER, Boris	
<b>[278] Managing a site with Puppet</b>	Dr ESPINAL CURULL, Xavier	
<b>[340] Integration of Globus Online with the ATLAS PanDA Workload Management System</b>	POTEKHIN, Maxim	
<b>[343] ATLAS DQ2 Deletion Service</b>	OLEYNIK, Danila	
<b>[349] Software installation and condition data distribution via CernVM FileSystem in ATLAS</b>	DE SALVO, Alessandro	
<b>[299] Testing and evaluating storage technology to build a distributed Tier1 for SuperB in Italy</b>	Dr PARDI, Silvio	
<b>[296] Grid Computing at GSI (ALICE and FAIR) - present and future</b>	Dr SCHWARZ, Kilian	
<b>[444] Prototype of a cloud-based Computing Service for ATLAS at PIC Tier1</b>	SEDOV, Alexey	
<b>[292] DIRAC evaluation for the SuperB experiment</b>	Dr DONVITO, Giacinto	
<b>[290] Optimizing Resource Utilization in Grid Batch Systems</b>	GELLRICH, Andreas	
<b>[291] A new era for central processing and production in CMS</b>	KASELIS, Rapolas	
<b>[270] Enabling data analysis à la PROOF on the Italian ATLAS-Tier2's using PoD</b>	VILUCCHI, Elisabetta DI NARDO, Roberto	
<b>[526] Fermilab Multicore and GPU-Accelerated Clusters for Lattice QCD</b>	Dr HOLMGREN, Don	
<b>[520] Experiment Dashboard - a generic, scalable solution for monitoring of the LHC computing activities, distributed sites and services</b>	SAIZ, Pablo	
<b>[443] Status of the DIRAC Project</b>	Dr TSAREGORODTSEV, Andrei	
<b>[440] EMI_datalib - joining the best of ARC and gLite data libraries</b>	NILSEN, Jon Kerr	
<b>[447] The ATLAS Computing activities and developments of the Italian Cloud</b>	RINALDI, Lorenzo	
<b>[446] Optimising the read-write performance of mass storage systems through the introduction of a fast write cache</b>	FAYER, Simon William WAKEFIELD, Stuart	
<b>[445] VM-based infrastructure for simulating different cluster and storage solutions used on ATLAS Tier-3 sites</b>	KUTOUSKI, Mikalai	
<b>[39] Workload management in the EMI project</b>	CECCHI, Marco	
<b>[37] Using Hadoop File System and MapReduce in a small/medium Grid site</b>	RIAHI, Hassen	
<b>[35] BESIII and SuperB: Distributed job management with Ganga</b>	Dr ZHANG, Xiaomei	
<b>[339] AGIS: The ATLAS Grid Information System</b>	ANISENKOV, Alexey	
<b>[338] Executor framework for DIRAC</b>	CASAJUS RAMO, Adrian	

<b>[335] Application of rule based data mining techniques to real time ATLAS Grid job monitoring data</b>	KALININ, Sergey	
<b>[337] The ATLAS DDM Tracer monitoring framework</b>	GARONNE, Vincent	
<b>[331] ATLAS job monitoring in the Dashboard Framework</b>	SARGSYAN, Laura	
<b>[330] Popularity framework for monitoring user workload</b>	GARONNE, Vincent	
<b>[332] ATLAS Distributed Computing Monitoring tools after full 2 years of LHC data taking</b>	SCHOVANCOVA, Jaroslava	
<b>[6] Optimization of HEP Analysis activities using a Tier2 Infrastructure</b>	Dr BAGLIESI, Giuseppe	
<b>[90] Dynamic parallel ROOT facility clusters on the Alice Environment</b>	LUZZI, Cinzia	
<b>[97] Building a Prototype of LHC Analysis Oriented Computing Centers</b>	DONVITO, Giacinto	
<b>[555] Present and future of Identity Management in Open Science Grid</b>	ALTUNAY, Mine	
<b>[556] The future Tier1, sharing a dedicated computing environment</b>	VAN WEZEL, Jos	
<b>[553] Using CernVM and EDGI to transparently use desktop resources for LHC related computation in a traditional data grid context</b>	WAANANEN, Anders	
<b>[239] APEnet+: a 3-D Torus network optimized for GPU-based HPC Systems</b>	TOSORATTO, Laura	
<b>[230] An optimization of the ALICE XRootD storage cluster at the Tier-2 site in Czech Republic</b>	Dr ADAMOVA, Dagmar Mr HORKY, Jiri	
<b>[232] Controlled overflowing of data-intensive jobs from oversubscribed sites</b>	Mr SFILIGOI, Igor	
<b>[233] Xrootd Monitoring for the CMS experiment</b>	TADEL, Matevz	
<b>[144] Grid administration: towards an autonomic approach</b>	STAGNI, Federico	
<b>[145] LHCbDIRAC: distributed computing in LHCb</b>	STAGNI, Federico	
<b>[140] Mucura: your personal file repository in the cloud</b>	Mr HERNANDEZ, Fabio	
<b>[613] PLUME – FEATHER</b>	Dr HOFFMANN, Dirk	
<b>[130] Application of the DIRAC framework in CTA: first evaluation</b>	ARRABITO, Luisa	
<b>[135] Long-term preservation of analysis software environment</b>	HARUTYUNYAN, Artem LARSEN, Dag	
<b>[134] Managing Virtual Machine Lifecycle in CernVM Project</b>	CHARALAMPIDIS, Ioannis	
<b>[497] Web enabled data management with DPM &amp; LFC</b>	ALVAREZ AYLLON, Alejandro BRITO DA ROCHA, Ricardo	
<b>[493] Lxcloud: A Prototype for an Internal Cloud in HEP. Experiences and Lessons Learned</b>	Dr SCHWICKERATH, Ulrich	
<b>[25] File and Metadata Management for BESIII Distributed Computing</b>	NICHOLSON, Caitriana	
<b>[404] Service Availability Monitoring framework based on commodity software</b>	Mr RODRIGUES DE SOUSA ANDRADE, Pedro Manuel	
<b>[403] Evaluation of a new data staging framework for the ARC middleware</b>	CAMERON, David	
<b>[375] Applicability of modern, scale-out file services in dedicated LHC data analysis environments.</b>	Mr GASTHUBER, Martin	
<b>[374] Monitoring of computing resource utilization of the ATLAS experiment</b>	VUKOTIC, Ilija	
<b>[393] The WLCG Messaging Service and its Future</b>	CONS, Lionel PALADIN, Massimo	
<b>[391] ATLAS Data Caching based on the Probability of Data Popularity</b>	TITOV, Mikhail	
<b>[395] GFAL 2.0 Evolutions &amp; GFAL-File system introduction</b>	DEVRESSE, Adrien	

<b>[455] Integration of WS-PGRADE/gUSE portal and DIRAC</b>	PUIG NAVARRO, Albert	
<b>[7] Investigation of Storage Systems for use in Grid Applications</b>	GARZOGLIO, Gabriele	
<b>[245] Service monitoring in the LHC experiments</b>	DI GIROLAMO, Alessandro BARREIRO MEGINO, Fernando Harald	
<b>[244] Trying to Predict the Future - Resource Planning and Allocation in CMS</b>	Dr KREUZER, Peter	
<b>[247] Tape status and strategy at CERN</b>	CANCIO MELIA, German	
<b>[243] Storage Element performance optimization for CMS analysis jobs</b>	Dr LINDEN, Tomas	
<b>[242] Major changes to the LHCb Grid computing model in year 2 of LHC data</b>	Dr ROISER, Stefan	
<b>[518] AliEn Extreme JobBrokering</b>	SAIZ, Pablo	
<b>[511] Tier2 procurements experiences in the UK</b>	FORTI, Alessandra	
<b>[515] Disk to Disk network transfers at 100 Gb/s using a handful of servers</b>	BARCZYK, Artur Jerzy GABLE, Ian	
<b>[514] Collaborative development. Case study of the development of flexible monitoring applications</b>	SAIZ, Pablo	
<b>[451] DIRAC File Replica and Metadata Catalog</b>	Dr TSAREGORODTSEV, Andrei	
<b>[178] Integrating PROOF Analysis in Cloud and Batch Clusters</b>	Dr RODRÍGUEZ-MARRERO, Ana Y.	
<b>[177] No file left behind - monitoring transfer latencies in PhEDEx</b>	RATNIKOVA, Natalia	
<b>[174] Health and performance monitoring of the large and diverse online computing cluster of CMS</b>	RAGINEL, Olivier	
<b>[173] Evaluation of software based redundancy algorithms for the EOS storage system at CERN</b>	Dr PETERS, Andreas	
<b>[172] A tool for Image Management in Cloud Computing</b>	Ms HUANG, qiulan	
<b>[185] A gLite FTS based solution for managing user output in CMS</b>	SPIGA, Daniele RIAH, Hassen CINQUILLI, Mattia	
<b>[17] Experience of BESIII data production with local cluster and distributed computing model</b>	Dr DENG, zian	
<b>[16] Scientific Cluster Deployment &amp; Recovery: Using puppet to simplify cluster management</b>	HENDRIX, Valerie	
<b>[18] A scalable low-cost Petabyte scale storage for HEP using Lustre</b>	Dr MARTIN, Alex WALKER, Christopher John	
<b>[320] CREAM Computing Element: a status update</b>	Mr SGARAVATTO, Massimo	
<b>[321] New developments in the CREAM Computing Element</b>	Mr SGARAVATTO, Massimo	
<b>[326] Increasing performance in KVM virtualization within a Tier-1 environment</b>	Mr CHIERICI, Andrea	
<b>[328] Big data log mining: the key to efficiency</b>	ROSSMAN, Paul	
<b>[329] AutoPyFactory: A Scalable Flexible Pilot Factory Implementation</b>	Dr CABALLERO BEJAR, Jose	
<b>[201] Evolution of the Distributed Computing Model of the CMS experiment at the LHC</b>	GRANDI, Claudio	
<b>[203] Making Connections - Networking the distributed computing system with LHCONE for CMS</b>	Dr BONACORSI, Daniele	

<b>[205] Monitoring techniques and alarm procedures for CMS services and sites in WLCG</b>	MOLINA-PEREZ, Jorge Amando	
<b>[207] Secure Wide Area Network Access to CMS Analysis Data Using the Lustre Filesystem</b>	Dr BOURILKOV, Dimitri	
<b>[209] Alert Messaging in the CMS Distributed Workload System</b>	MAXA, Zdenek	
<b>[549] UK efforts to improve networking rates on WAN transfers</b>	FORTI, Alessandra	
<b>[70] experience with the custom-developed ATLAS trigger monitoring and reprocessing infrastructure</b>	CASADEI, Diego	
<b>[541] Comparative Investigation of Shared Filesystems for the LHCb Online Cluster</b>	NEUFELD, Niko SUBBIAH, Vijay Kartik	
<b>[547] the INFN Tier-1</b>	DELL'AGNELLO, luca	
<b>[8] Design and implementation of a reliable and cost-effective cloud computing infrastructure: the INFN Naples experience</b>	Dr CAPONE, Vincenzo	
<b>[548] NUMA memory hierarchies experience with multithreaded HEP software at CERN openlab</b>	LEDUC, Julien	
<b>[415] Tape write efficiency improvements in CASTOR</b>	MURRAY, Steven	
<b>[418] A distributed agent based framework for high-performance data transfers</b>	VOICU, Ramiro	
<b>[410] Distributed monitoring infrastructure for Worldwide LHC Computing Grid</b>	LAPKA, Wojciech	
<b>[137] FermiCloud - A Production Science Cloud for Fermilab</b>	TIMM, Steven	
<b>[419] SYNCAT - Storage Catalogue Consistency</b>	FURANO, Fabrizio	
<b>[136] FermiGrid: High Availability Authentication, Authorization, and Job Submission.</b>	TIMM, Steven	
<b>[319] Key developments of the Ganga task-management framework.</b>	KENYON, Michael John	
<b>[312] Proof of concept - CMS Computing Model into volunteer computing</b>	PETEK, Marko	
<b>[317] Improving ATLAS grid site reliability with functional tests using HammerCloud</b>	LEGGGER, Federica	
<b>[314] A Grid storage accounting system based on DGAS and HLRmon</b>	CRISTOFORI, Andrea	
<b>[496] The Data Operation Centre Tool. Architecture and population strategies</b>	Dr DAL PRA, Stefano	
<b>[138] Comparison of the CPU efficiency of High Energy and Astrophysics applications on different multi-core processor types.</b>	HEISS, Andreas	
<b>[368] IPv6 testing and deployment at Prague Tier 2</b>	KOUBA, Tomas	
<b>[362] WHALE, a management tool for Tier-2 LCG sites</b>	TALAMO, Ivano Giuseppe	
<b>[361] Rebootless Linux Kernel Patching with Ksplice Uptrack at BNL</b>	HOLLOWELL, Christopher	
<b>[389] Eurogrid: a new glideinWMS based portal for CDF data analysis.</b>	Ms AMERIO, Silvia	
<b>[60] FlyingGrid : from volunteer computing to volunteer cloud</b>	Dr LODYGENSKY, oelg	
<b>[61] Taking Global Scale Data Handling to the Fermilab Intensity Frontier</b>	Dr LYON, Adam	
<b>[251] Consistency between Grid Storage Elements and File Catalogs for the LHCb experiment's data</b>	LANCIOTTI, Elisa	
<b>[256] EGI Security Monitoring integration into the Operations Portal</b>	L'ORPHELIN, Cyril KOURIL, Daniel Dr MA, Mingchao	
<b>[508] Creating Dynamic Virtual Networks for network isolation to support Cloud computing and virtualization in large computing centers</b>	CABERLETTI, Marco	

<b>[506] MPI support in the DIRAC Pilot Job Workload Management System</b>	Ms HAMAR, Vanessa	
<b>[505] Campus Grids Bring Additional Computational Resources to HEP Researchers</b>	WEITZEL, Derek John	
<b>[502] DPM: Future-proof storage</b>	BRITO DA ROCHA, Ricardo	
<b>[503] The DESY Grid Lab in action</b>	OZEROV, Dmitry KEMP, Yves	
<b>[500] The WNoDeS Cache Manager, an efficient method to self-allocate virtual resources</b>	ANDREOTTI, Daniele DALLA TORRE, Gianni	
<b>[467] H1 Monte Carlo Production on the Grid (H1 Collaboration)</b>	LOBODZINSKI, Bogdan	
<b>[466] Taking the C out of CVMFS: providing repositories for country-local VOs.</b>	SKIPSEY, Sam	
<b>[169] PEAC - A set of tools to quickly enable PROOF on a cluster</b>	GANIS, Gerardo	
<b>[167] XRootD client improvements</b>	JANYST, Lukasz	
<b>[160] CMS Analysis Deconstructed</b>	Prof. MALIK, Sudhir	
<b>[9] glideinWMS experience with glexec</b>	Mr SFILIGOI, Igor	
<b>[356] Certified Grid Job Submission in the ALICE Grid Services</b>	Mr SCHREINER, Steffen	
<b>[359] Development of noSQL data storage for the ATLAS PanDA Monitoring System</b>	POTEKHIN, Maxim	
<b>[358] Ksplice: Update without rebooting</b>	DAHER, Waseem	
<b>[289] Providing WLCG Global Transfer monitoring</b>	ANDREEVA, Julia	
<b>[214] Identifying gaps in Grid middleware on fast networks with the Advanced Network Initiative</b>	Dr GARZOGLIO, Gabriele	
<b>[212] Supporting Shared Resource Usage for a Diverse User Community: the OSG experience and lessons learned</b>	Dr GARZOGLIO, Gabriele	
<b>[213] The DESY Grid Centre</b>	HAUPT, Andreas	
<b>[288] Model of shared ATLAS Tier2 and Tier3 facilities in EGI/gLite Grid flavour</b>	Dr GONZALEZ DE LA HOZ, Santiago	
<b>[4] Engaging with IPv6: addresses for all</b>	Mr MITCHELL, Mark	
<b>[281] BOINC service for volunteer cloud computing</b>	GONZALEZ ALVAREZ, Alvaro	
<b>[280] ATLAS Grid Data Processing: system evolution and scalability</b>	NEVSKI, Pavel	
<b>[286] Virtualization of Grid Services</b>	GELLRICH, Andreas	
<b>[263] New solutions for large scale functional tests in the WLCG infrastructure with SAM/Nagios: the experiments experience</b>	DI GIROLAMO, Alessandro Dr SCIABA, Andrea	
<b>[224] Data storage accounting and verification in LHC experiments</b>	RATNIKOVA, Natalia	
<b>[262] Evolving ATLAS computing for today's networks</b>	CAMPANA, Simone	
<b>[261] Performance studies and improvements of CMS Distributed Data Transfers</b>	FLIX, José	
<b>[260] Towards higher reliability of CMS Computing Facilities</b>	FLIX, José	
<b>[267] Distributed Data Analysis in the ATLAS Experiment: Challenges and Solutions</b>	ELMSHEUSER, Johannes	
<b>[266] Data analysis system for Super Charm-Tau Factory at BINP</b>	Dr LOGASHENKO, Ivan	
<b>[269] ATLAS Distributed Computing Operations: Experience and improvements after 2 full years of data-taking</b>	STEWART, Graeme Andrew Dr JEZEQUEL, Stephane	



<b>[268] The evolving role of Tier2s in ATLAS with the new Computing and Data Model</b>	Dr GONZALEZ DE LA HOZ, Santiago	
<b>[62] EMI-european Middleware Initiative</b>	GIORGIO, Emidlo SALENTE, giuseppina	
<b>[63] MARDI-Gross - Data Management Design for Large Experiments</b>	Prof. JONES, Roger	
<b>[152] hBrowse - Generic framework for hierarchical data visualization</b>	KOKOSZKIEWICZ, Lukasz	
<b>[539] Automating Linux Deployment with Cobbler</b>	Mr PRYOR, James	
<b>[538] The Double Chooz Data Streaming</b>	Mr TERA0, Kazuhiro	
<b>[252] SSD Scalability Performance for HEP data analysis using PROOF</b>	Dr DONVITO, Giacinto	
<b>[111] Status and evolution of CASTOR (Cern Advanced STORAge)</b>	PONCE, Sebastien	
<b>[113] A new communication framework for the ALICE Grid</b>	GRIGORAS, Costin	
<b>[119] ALICE Grid Computing at the GridKa Tier-1 Center</b>	Dr JUNG, Christopher	
<b>[428] Refurbishing the CERN fabric management system</b>	MCCANCE, Gavin	
<b>[421] Preparing for long-term data preservation and access in CMS</b>	LASSILA-PERINI, Kati	
<b>[420] The ATLAS LFC consolidation</b>	FURANO, Fabrizio	
<b>[427] Dynamic federations: storage aggregation using open tools and protocols</b>	FURANO, Fabrizio	
<b>[426] ATLAS off-Grid sites (Tier 3) monitoring. From local fabric monitoring to global overview of the VO computing activities</b>	OLEYNIK, Danila	
<b>[308] JavaFIRE: A Replica and File System for Grids</b>	GOWDY, Stephen	
<b>[303] Integrated cluster management at the Manchester Tier-2</b>	MCNAB, Andrew	
<b>[305] Monitoring ARC services with GangliARC</b>	CAMERON, David	
<b>[307] CMS resource utilization and limitations on the grid after the first two years of LHC collisions</b>	BLOOM, Kenneth	
<b>[181] The Event Notification and Alarm System for the Open Science Grid Operations Center</b>	Dr TEIGE, Scott	
<b>[229] Evolution of the Virtualized HPC Infrastructure of Novosibirsk Scientific Center</b>	ANISENKOV, Alexey	
<b>[228] DIRAC RESTful API</b>	CASAJUS RAMO, Adrian	
<b>[227] The WorkQueue project - a task queue for the CMS workload management system</b>	Dr WAKEFIELD, Stuart	
<b>[225] Computing at Tier-3 sites in CMS</b>	SNIHUR, Robert	
<b>[222] The benefits and challenges of sharing glidein factory operations across nine time zones between OSG and CMS</b>	Mr SFILIGOI, Igor	
<b>[151] Validation of Geant4 Releases with distributed resources</b>	DOTTI, Andrea	
<b>[153] Scalability and performance improvements in Fermilab Mass Storage System.</b>	MOIBENKO, Alexander	
<b>[159] Building a local analysis center on OpenStack</b>	SEVIOR, Martin	
<b>[487] WMSMonitor advancements in the EMI era</b>	DONGIOVANNI, Danilo	
<b>[485] Many-core experience with HEP software at CERN openlab</b>	NOWAK, Andrzej	
<b>[477] The "NetBoard": Network Monitoring Tools Integration for INFN Tier-1 Data Center</b>	DE GIROLAMO, Donato ZANI, Stefano	

<b>[474] The "NetBoard": Network Monitoring Tools Integration for INFN Tier-1 Data Center</b>	Mr DE GIROLAMO, Donato	
<b>[12] Virtualizing A Large Cluster at Brookhaven</b>	STRECKER-KELLOGG, William	1

# Wednesday, 23 May 2012

**Poster Session: setup for session 2 - Rosenthal Pavilion (10th floor) (13:30 - 18:00)**

# Thursday, 24 May 2012

## Poster Session: session 2 - Rosenthal Pavilion (10th floor) (13:30 - 18:15)

[id] title	presenter	board
[558] lcsim: An integrated detector simulation, reconstruction and analysis environment	GRAF, Norman Anthony	
[313] LET Estimation for Heavy Ion Particles based on a Timepix-based Si Detector	Mr HOANG, SON	
[231] Multiple-view, multiple-selection visualization of simulation geometry in CMS	MRAK TADEL, Alja TADEL, Matevz	
[115] Track and Vertex Reconstruction Strategies in the ATLAS Inner Detector in the High Multiplicity LHC Environment	WASICKI, Christoph GRAY, Heather PAGAN GRISO, Simone	
[310] Geant4 Graphical User Interface OpenGL developments	Mr GARNIER, Laurent	
[527] Application of Bayesian inference with usage of Markov Chain Monte Carlo to a many-parameter fit of ep-collider HERA data to extract the proton structure functions.	GREBENYUK, Julia	
[370] An Extensible Infrastructure for Querying and Mining Event-level Metadata in ATLAS	Dr CRANSHAW, Jack	
[105] Operational Experience with the ALICE High Level Trigger	SZOSTAK, Artur	
[84] The Alignment of the BESIII Drift Chamber Using Cosmic-ray Data	WU, Linghui	
[100] xGUS - a helpdesk template for grid user support	Dr ANTONI, Torsten	
[346] GoCxx: a tool to easily leverage C++ legacy code for multicore-friendly Go libraries and frameworks	Dr BINET, Sebastien	
[298] Preparing for the new C++11 standard	NAUMANN, Axel	
[468] Track finding in ATLAS using GPUs	MATTMANN, Johannes	
[498] Planning for Obsolescence in a Production Environment: Migration from a Legacy Geometry Code to an Abstract Geometry Modeling Language in STAR	Dr WEBB, Jason	
[11] Improvements in ROOT I/O	Mr CANAL, Philippe	
[234] Calibration and reconstruction for the TOF system of BESIII	Dr SUN, Shengsen	
[241] An innovative seeding technique for photon conversion reconstruction at CMS	Dr GIORDANO, Domenico	
[76] GPU-based algorithms for ATLAS High-Level Trigger	HOWARD, Jacob Russell	
[559] Software For the Mu2e Experiment at Fermilab	KUTSCHKE, Robert	
[465] Prompt data reconstruction of the ATLAS experiment	STEWART, Graeme Andrew	
[74] low momentum track finding in Belle 2	LETTENBICHLER, Jakob NADLER, Moritz FRÜHWIRTH, Rudi	
[34] Implementation of Intensity Frontier Beam Information Database	Mr MANDRICHENKO, Igor	
[297] ROOT: High Quality, Systematically	NAUMANN, Axel	
[87] The First Prototype for the FastTracker Processing Unit	NEGRI, Andrea	
[528] Evolution of Data Acquisition in the PHENIX Experiment	HAGGERTY, John	

<b>[83] Monitoring the data quality of the real-time event reconstruction in the ALICE High Level Trigger.</b>	ERDAL, Hege Austrheim	
<b>[521] New developments on visualization drivers in Geant4 software toolkit</b>	Mr GARNIER, Laurent	
<b>[36] FAZIA FRONT-END ELECTRONICS, GLOBAL SYNCHRONIZATION AND TRIGGER DESIGN</b>	BOIANO, Alfonso	
<b>[397] mesh2gdml: from CAD to Geant4</b>	GRAF, Norman Anthony	
<b>[161] Maintaining and improving of the training program on the analysis software in CMS</b>	Prof. MALIK, Sudhir	
<b>[154] Geant4 electromagnetic physics for high statistic LHC simulation</b>	GARAY WALLS, Francisca	
<b>[348] DCS Data Viewer, a Application that Access ATLAS DCS Historical Data.</b>	TSAROUCHAS, Charilaos	
<b>[195] High-performance scalable information service for the ATLAS experiment.</b>	Dr AVOLIO, Giuseppe	
<b>[193] Methods to quantify the performance of the primary vertex reconstruction in the ATLAS experiment under high luminosity conditions</b>	Dr WILDAUER, Andreas MELONI, Federico PROKOFIEV, Kirill PAGAN GRISO, Simone	
<b>[271] CMS Tier-0: Preparing for the future</b>	HUFNAGEL, Dirk	
<b>[109] Physics Data Processing with Google Protocol Buffers</b>	EBKE, Johannes	
<b>[279] Extra Dimensions: Creating 3D content in PDF</b>	GRAF, Norman Anthony	
<b>[522] Fermi Offline Software: The Pros and Cons of Beg, Borrow, and Steal</b>	Ms KELLY, Heather	
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