

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] Systematic 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	

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

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

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

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

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

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

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

[83] Monitoring the data quality of the real-time event reconstruction in the ALICE High Level Trigger.	ERDAL, Hege Austrheim	
[521] New developments on visualization drivers in Geant4 software toolkit	Mr GARNIER, Laurent	
[36] FAZIA FRONT-END ELECTRONICS, GLOBAL SYNCHRONIZATION AND TRIGGER DESIGN	BOIANO, Alfonso	
[397] mesh2gdml: from CAD to Geant4	GRAF, Norman Anthony	
[161] Maintaining and improving of the training program on the analysis software in CMS	Prof. MALIK, Sudhir	
[154] Geant4 electromagnetic physics for high statistic LHC simulation	GARAY WALLS, Francisca	
[348] DCS Data Viewer, a Application that Access ATLAS DCS Historical Data.	TSAROUCHAS, Charilaos	
[195] High-performance scalable information service for the ATLAS experiment.	Dr AVOLIO, Giuseppe	
[193] Methods to quantify the performance of the primary vertex reconstruction in the ATLAS experiment under high luminosity conditions	Dr WILDAUER, Andreas MELONI, Federico PROKOFIEV, Kirill PAGAN GRISO, Simone	
[271] CMS Tier-0: Preparing for the future	HUFNAGEL, Dirk	
[109] Physics Data Processing with Google Protocol Buffers	EBKE, Johannes	
[279] Extra Dimensions: Creating 3D content in PDF	GRAF, Norman Anthony	
[522] Fermi Offline Software: The Pros and Cons of Beg, Borrow, and Steal	Ms KELLY, Heather	
[449] Investigating the performance of CMSSW on the AMD Bulldozer micro-architecture	FAYER, Simon William WAKEFIELD, Stuart	
[448] New Developments in the GENFIT track fitting framework	Mr BÖHMER, Felix Valentin	
[108] Evolution and performance of electron and photon triggers in ATLAS in the year 2011	DUGUID, Liam	
[102] Handling of network and database instabilities in CORAL	Dr VALASSI, Andrea	
[103] Monitoring in CORAL	Dr VALASSI, Andrea	
[101] Designing the ATLAS trigger menu for high luminosities	HIGUCHI, Yu.nakahama	
[106] Software design and implementation for the ATLAS Muon Cathode Strip Chamber ROD	MURILLO GARCIA, Raul	
[38] Multi-threaded Event Reconstruction with JANA	Dr LAWRENCE, David	
[32] Simultaneous Operation and Control of about 100 Telescopes for the Cherenkov Telescope Array	WEGNER, Peter	
[31] Offline software for the Resistive Plate Chambers in the Daya Bay Antineutrino Experiment	HE, Miao	
[91] Balancing the resources of the High Level Trigger farm of the ATLAS experiment	MORAR, Marius Tudor	
[30] Multi-platform masterclass and data analysis application	ANTUNES PEQUENAO, Joao	
[439] Coping with the Data Rates and Volumes of the PHENIX Experiment	Dr PURSCHKE, Martin	
[334] CMS CSC Expert System: towards the detector control automation	JUSKA, Evaldas	
[95] Jigsaw: A runtime-configurable HEP analysis framework	DI SIPIO, Riccardo	
[96] High Speed Data Receiver Card for Future Upgrade of Belle II DAQ	HIGUCHI, Takeo	
[554] A Fully Software-based Online Test-bench for LHCb	NEUFELD, Niko SUBBIAH, Vijay Kartik	

[550] Improving the quality of EMI Releases by leveraging the EMI Testing Infrastructure	DONGIOVANNI, Danilo AIFTIMIEI, Doina Cristina	
[552] Lessons Learned from Migrating Open Science Grid to a Native Packaging Software Distribution	ROY, Alain	
[238] Alignment Procedures for the CMS Silicon Tracker	BEHR, Joerg	
[142] Legacy code: lessons from NA61/SHINE offline software upgrade adventure.	WYSZYNSKI, Oskar	
[143] LHCb Conditions Database Operation Assistance Systems	SHAPOVAL, Ilyya	
[141] High availability through full redundancy of the CMS detector controls system	Dr POLESE, Giovanni	
[612] Linear photodiode array for tracking and video recording of a human speaker	Dr DETONE, Daniel	
[494] New Developments in Web Based Monitoring at the CMS Experiment	CHAKABERIA, Irakli	
[495] The new CERN Controls Middleware	DWORAK, Andrzej	
[139] Distributed error and alarm processing in the CMS data acquisition system	PETRUCCI, Andrea	
[490] Parallel Likelihood Function Fits on Heterogeneous Many-core Systems with OpenMP, CUDA, and MPI technologies	PANTALEO, Felice LEDUC, Julien	
[26] Clustering induced Pattern Recognition in a TPC for the Linear Collider	GAEDE, Frank-Dieter	
[27] Implementing Parallel Algorithms	Dr HRIVNAC, Julius	
[28] FAZIA DATA ACQUISITION: STATUS, DESIGN AND CONCEPT	TORTONE, Gennaro	
[407] An Exhibition Booth for demonstrating recent developments in data processing software used at the LHC	Dr HARVEY, John	
[405] VISPA@Web: A Server-Client-Based Graphical Development Environment for Physics Analyses	Prof. ERDMANN, Martin	
[379] A browser-based event display for the CMS experiment at the LHC	Dr MC CAULEY, Thomas	
[373] Conditions and Configuration Metadata for the ATLAS experiment	GALLAS, Elizabeth	
[372] TAG Base Skimming In ATLAS	Dr CRANSHAW, Jack	
[376] New features in the ROOT mathematical and statistical libraries	MONETA, Lorenzo	
[392] Data acquisition and online monitoring software for CBM testbeams	ADAMCZEWSKI-MUSCH, Jorn	
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