

CHEP 2016 Conference, San Francisco, October 8-14, 2016**Thursday, October 13, 2016****Posters B / Break (3:30 PM - 4:45 PM)**

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[59] PaaS for web applications with OpenShift Origin	LOSSENT, Alexandre	
[185] Scaling Up a CMS Tier-3 Site with Campus Resources and a 100 Gb/s Network Connection: What Could Go Wrong?	WOODARD, Anna Elizabeth WOLF, Matthias	
[31] Windows Terminal Server Orchestration	SMITH, Tim	
[420] STAR Data Production at NERSC/Cori, an adaptable Docker container approach for HPC	Dr MUSTAFA, Mustafa	
[453] OpenFabrics Interface and NanoMsg	CHARALAMPIDIS, Ioannis	
[499] Research on an universal Openstack upgrade solution		
[116] Performance of the CMS Event Builder	MOMMSEN, Remi	
[523] Offline Software for the CMS Level-1 Trigger		
[265] The ZEUS data preservation project	VERBYTSKYI, Andrii	
[251] An educational distributed Cosmic Ray detector network based on ArduSiPM using microcontrollers as data acquisition node NTP protocol as time distribution and IoT technology for data aggregation.	BOCCI, Valerio	
[532] Use of a hardware token for Grid authentication by the MICE data distribution framework	Dr NEBRENSKY, J.J.	
[572] The CMS Data Analysis School experience	Dr DE FILIPPIS, Nicola	
[48] Production Management System for AMS Remote Computing Centers	SHAN, Baosong	
[298] Scalable Global Grid catalogue for LHC Run3 and beyond	MARTINEZ PEDREIRA, Miguel	
[303] The Instant Glidein: A generic approach for the late-binding jobs to various resource types		
[357] Optimizing the resource usage in Cloud based environments: the Synergy approach	ZANGRANDO, Lisa	
[398] Resources monitoring and automatic management system for multi-VO distributed computing system	PELEVANYUK, Igor Mr CHEN, Jiong	
[498] Using Docker in HEP	PATERNO, Marc	
[510] Pyglidein - a simple HTCondor glidein service	SCHULTZ, David	
[17] JavaScript ROOT v4	LINEV, Sergey	
[160] MPEXS: A CUDA MonteCarlo of the simulation of electromagnetic interactions	DOTTI, Andrea	
[318] Engaging Industry for Innovation in the LHC run3-4 R&D program: CERN openlab	GIRONE, Maria	
[379] LHCb migration from Subversion to Git		
[448] Parallel Algorithms for Online Trackfinding at PANDA Using GPUs		
[380] LHCb Dockerized Build Environment		

[401] How Pre-Commercial Procurement can fund innovative cloud services	MEINHARD, Helge	
[402] Migration Routes to Virtual Technologies	JONES, Stephen	
[569] Large-scale distributed usage of NLO and multi-leg Monte Carlo event generators on the grid and at Argonne Leadership Computing Facility	BENDAVID, Josh	
[135] Metadata for fine-grained processing at ATLAS	CRANSHAW, Jack	
[146] Object-based storage integration within the ATLAS DDM system	GARONNE, Vincent	
[148] Rucio Auditor - Consistency in the ATLAS Distributed Data Management System	GARONNE, Vincent	
[280] Integration of Openstack Cloud Resources in BES III Computing Cluster		
[452] Real time analysis with the upgraded LHCb trigger in Run-III	SZUMLAK, Tomasz	
[580] LStore: Logistical Storage		
[585] The Performance of AMS Offline Software on IBM Blue Gene/Q Architecture		
[15] Detector control system for the AFP detector in ATLAS experiment at CERN	BANAS, Elzbieta	
[362] Design and Deployment of a Elastic Network Test-bed in IHEP Data Center based on SDN	Ms ZENG, SHAN	
[467] The Resource Manager of the ATLAS Trigger and Data Acquisition system	PANDURO VAZQUEZ, William	
[24] Web technology detection - for asset inventory and vulnerability management	LOPIENSKI, Sebastian	
[376] HNTtype : a diverse trace and migration mechanism in the block based Hierarchical Storage System named HazelNut	Dr DU, Ran	
[474] The Czech National Grid Infrastructure	Dr CHUDOBA, Jiri CHUDOBA, Jiri	
[427] Last development of the Long Term Data Preservation project for CDF at INFN CNAF	PEZZI, michele	
[50] Storage Strategy of AMS Science Data at Science Operation Center at CERN	CHOUTKO, Vitaly	
[464] The ATLAS Run 2 Trigger: Design, Menu, Performance and Operational Aspects	MARTIN, Tim	
[8] Reconstruction and calibration of MRPC endcap TOF of BESIII	Dr SUN, Shengsen	
[212] The ATLAS Computing Agora : a resource web site for citizen science projects	BIANCHI, Riccardo Maria	
[408] Connecting restricted, high-availability, or low-latency resources to a seamless Global Pool for CMS	HURTADO ANAMPA, Kenyi Paolo	
[259] Towards automation of data quality system for CERN CMS experiment	BORISYAK, Maxim	
[54] Research and application of OpenStack in Chinese Spallation Neutron Source Computing environment	LI, Yakang	
[368] Netfinder, a real-time network topology discovery tool	DE GIROLAMO, Donato	
[454] Master of Puppets	LEE, Christopher Jon	
[500] The end-to-end network performance troubleshooting cookbook	Mr CAPONE, Vincenzo	
[538] Mesos exploitation within INDIGO-DataCloud for multi-site long-running services, computational workloads and advanced PaaS features		
[107] The DAQ system for the AEGIS experiment	PRELZ, Francesco	
[520] YARR - A PCIe based readout concept for current and future ATLAS Pixel Modules	HEIM, Timon	

[13] Flexible online monitoring for high-energy physics with Pyrame	RUBIO-ROY, Miguel	
[119] Using ALFA for high throughput, distributed data transmission in ALICE O2 system	WEGRZYNEK, Adam Tadeusz	
[181] Visualization of historical data for the ATLAS detector controls	MACIEJEWSKI, Julian Piotr	
[262] Flexible trigger menu implementation on the Global Trigger for the CMS Level-1 trigger upgrade		
[478] The new inter process communication middle-ware for the ATLAS Trigger and Data Acquisition system.	PANDURO VAZQUEZ, Jose Guillermo	
[407] Scheduling beams at CERN, the new AD central timing	DWORAK, Andrzej	
[445] Readout and trigger for AFP detector at ATLAS experiment	KORCYL, Krzysztof Marian	
[462] Triggering on leptons and photons on ATLAS	TANAKA, Masahiro	
[483] The ATLAS Data Acquisition System LHC Run 2	PANDURO VAZQUEZ, Jose Guillermo	
[155] Migrating the Belle II Collaborative Services and Tools	GELLRICH, Andreas	
[573] SWATCH: Common software for controlling and monitoring the upgraded CMS Level-1 trigger	LAZARIDIS, Christos	
[33] Update on CERN Search based on SharePoint 2013	LOSSENT, Alexandre	
[392] The INDIGO-DataCloud Authentication and Authorisation Infrastructure	MILLAR, Paul	
[75] Next Generation Monitoring	FAY, Robert	
[93] Computing shifts to monitor ATLAS distributed computing infrastructure and operations	SVATOS, Michal	
[178] The Machine/Job Features mechanism		
[235] Using OSG Computing Resources with (iLC)DIRAC		
[244] LHCbDIRAC as Apache Mesos microservices	COUTURIER, Ben HAEN, Christophe	
[320] Workflow Management for Complex HEP Analyses	FISCHER, Robert	
[326] Vibration monitoring system for the RACF data center at BNL	ZAYTSEV, Alexandr	
[53] XrootdFS, a posix file system for XrootD	HANUSHEVSKY, Andrew Bohdan YANG, Wei	
[422] Monitoring the LHCb data quality system		
[459] Monitoring of the infrastructure and services used to handle and automatically produce Alignment and Calibration conditions at CMS	SIPOS, Roland	
[511] Plancton: an opportunistic distributed computing project based on Docker containers	CONCAS, Matteo	
[292] The Simulation Library of the Belle II Experiment	RITTER, Martin	
[175] Upgrading and Expanding Lustre Storage for use with the WLCG	Dr TRAYNOR, Daniel	
[76] The merit of data processing application elasticity	Dr GYURJYAN, Vardan	
[46] Support Vector Machines in HEP	BEVAN, Adrian	
[19] Statistical and Data Analysis Package in SWIFT	PRUNEAU, Claude Andre	
[78] Finding unused memory allocations with FOM-tools	RAUSCHMAYR, Nathalie	
[125] Large scale software building with CMake in ATLAS		

[186] Facilitating the deployment and exploitation of HEP Phenomenology codes using INDIGO-Datacloud tools	BAGNASCHI, Emanuele Angelo CAMPOS PLASENCIA, Isabel	
[6] Federated data storage system prototype for LHC experiments and data intensive science	KIRIANOV, Andrey	
[27] Real-time complex event processing for cloud resources	CORDEIRO, Cristovao	
[297] Pythonization API for Cppyy	LAVRIJSEN, Wim	
[315] Experiment Software and Projects on the Web with VISPA	RIEGER, Marcel FISCHER, Robert	
[324] Towards more common build tools - experience with using spack in HEP		
[333] Microservices for systematic profiling and monitoring of the refactoring process at the LHCb experiment		
[437] Parallel metric trees for multi-billion body simulations	HOBSON, Peter	
[468] The Payload Inspector: a tool for the visualization of Calibration and Alignment constants stored in the CMS condition database	MECIONIS, Audrius	
[570] Performance studies of GooFit on GPUs versus RooFit on CPUs while estimating the statistical significance of a new physical signal		
[296] The LHCb Grid Simulation	HUSHCHYN, Mikhail	
[545] Virtual Machine Provisioning, Code Management and Data Movement Design for the Fermilab HEPCloud Facility	HOLZMAN, Burt GARZOGLIO, Gabriele TIMM, Steven FUESS, Stuart	
[14] Simulation of orientational coherent effects via Geant4	BAGLI, Enrico	
[159] Software Aspects of the Geant4 Validation Repository	DOTTI, Andrea	
[184] Recent progress of Geant4 electromagnetic physics for LHC and other applications	SAWKEY, Daren Lewis	
[197] The Fast Simulation Chain for ATLAS		
[253] MCBooster: a library for fast Monte Carlo generation of phase-space decays in massively parallel platforms.	SOKOLOFF, Michael David	
[294] Tracks pattern recognition for the SHiP Spectrometer Tracker	HUSHCHYN, Mikhail	
[329] Using 3D Engineering Models in a GEANT Simulation	Mrs WELTY-RIEGER, Leah	
[440] Python object-oriented framework for consuming, manipulating and releasing non-event data for the CMS alignment and calibration.	DAWES, Joshua Heneage	
[56] Globally Distributed Software Defined Storage	SHEVEL, Andrey	
[71] Tape SCSI monitoring and encryption at CERN	KRUSE, Daniele Francesco	
[87] Global EOS: exploring the 300-ms-latency region		
[145] Rucio WebUI - The Web Interface for the ATLAS Distributed Data Management	BEERMANN, Thomas	
[172] New Directions in the CernVM File System	BLOMER, Jakob	
[255] Towards redundant services in dCache	MILLAR, Paul	
[409] Storageless and caching Tier-2 models in the UK context	CROOKS, David	
[566] Simulating storage part of application with Simgrid	Mrs WANG, cong	
[578] Impact of tracker layout on track reconstruction in pp collisions with high pileup at CMS.	KRUTELYOV, Slava	

[287] Representing Misalignments of the STAR Geometry Model using AgML	WEBB, Jason	
[583] Experiments Toward a Modern Analysis Environment: Using TMVA and other tools in a functional world with continuous integration for analysis	WATTS, Gordon	
[584] The Detector Final State pattern: Using the Web Ontology Language to describe a Physics Analysis	WATTS, Gordon	