

Monday 15 May

09:00

-: Infrastructure and operations

Session | Location: CERN, 222/R-001 | Conveners: Ben Couturier, Joel Closier

09:00-09:10 Introduction and Core Software news

Speakers

Ben Couturier, Joel Closier, Marco Clemencic

09:10-09:30 Status of AFS phase-out

Speakers

Ben Couturier, Joel Closier, Marco Clemencic

09:30-09:50 Compiler and platforms evolution

Speakers

Ben Couturier, Marco Clemencic

09:50-10:00 | Ibinstall: the new LHCb installer

Speakers

Ben Couturier, Stefan-Gabriel Chitic

10:00-10:20 Investigations on the migration to python3

Speaker

Stefan-Gabriel Chitic

10:20-10:50

Break

10:50-11:05

A new dashbord for the nightly builds and tests

Speaker

Stefan-Gabriel Chitic

11:05-11:20

Evolution of deployment system to CVMFS prod and dev

Speakers

Ben Couturier, Stefan-Gabriel Chitic

11:20-11:40 Migration of the LHCb documentation to EOS web

Speaker

Marco Clemencic

11:40-12:10 Improvements to LHCbPR2 and new integration tests

Speaker

Maciej Pawel Szymanski

12:10

14:00

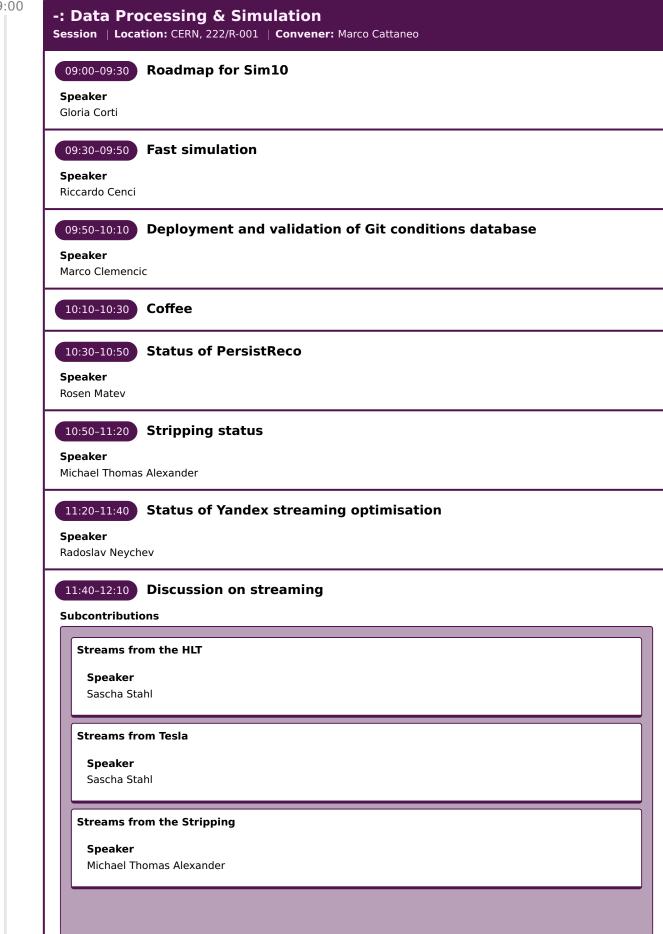
-: HEP Community Initiatives

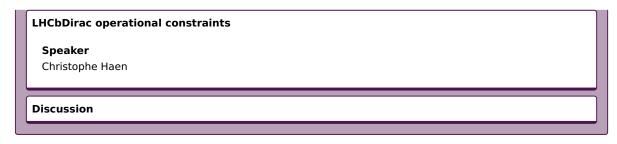
Session | Location: CERN, 222/R-001 | Convener: Michael David Sokoloff

14:00-14:30 Overview of the CWP Project and Summaray of the Kick-Off Workshop

Speaker Vladimir Gligorov Simulation Issues for the CWP 14:30-14:45 Speaker Gloria Corti 14:45-15:00 Machine Learning issues for the CWP Speaker Paul Seyfert 15:00-15:50 1st Breakout Session Speaker Michael David Sokoloff 15:50-16:10 Coffee Break **Discussions of Breakout Session Conclusions** 16:10-17:00 Speaker Michael David Sokoloff

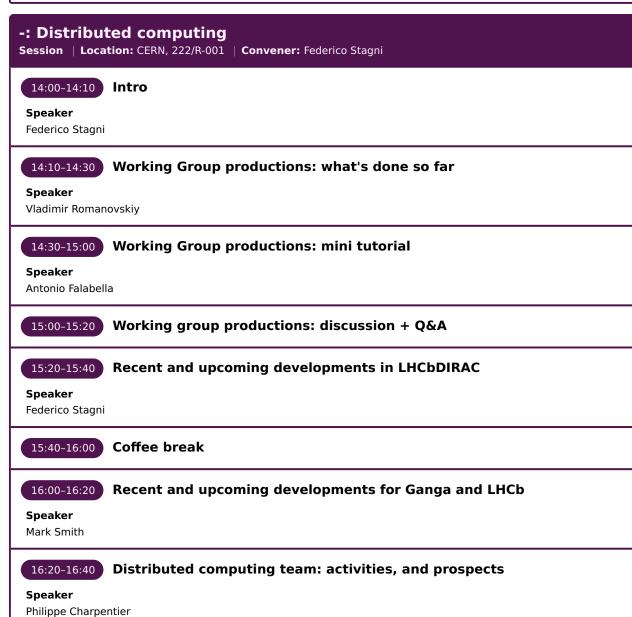
Tuesday 16 May





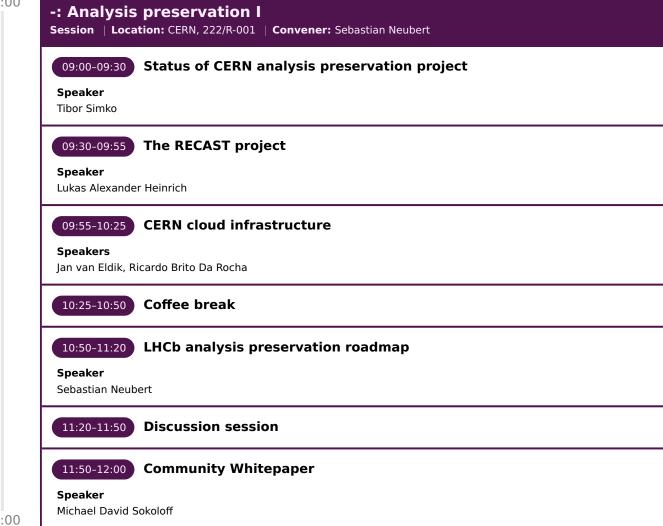
12:30

14:00



Wednesday 17 May

09:00



12:00

14:00

-: Analysis preservation II Session | Location: CERN, 222/R-001 | Convener: Sebastian Neubert 14:00-14:30 Analysis pipeline toolkits Speaker Chris Burr 14:30-15:00 Data storage and access Jakub Moscicki, Luca Mascetti, Massimo Lamanna 15:00-15:20 **Swan** Speaker Danilo Piparo **Coffee break** 15:20-15:40 15:40-16:00 Everware

Speaker

Andrey Ustyuzhanin

16:00-16:20

Undergraduate Laboratory Experiment: Measuring Matter Antimatter Asymmetries at the Large Hadron Collider

Chris Parkes

16:20-17:30 Open space: Challenges in AP

17:30-18:00 POPPER a protocol for reproducible science (remote)

Speakers

Ivo Jimenez, Carlos Maltzahn

Thursday 18 May

09:00

-: Run 3 Upgrade: core software framework Session | Location: CERN, 222/R-001 | Convener: Concezio Bozzi 09:00-09:40 Status of new framework and performance measurements Speaker Sebastien Ponce 09:40-10:00 Outcome of Intel workshop Speaker Paul Seyfert 10:00-10:20 Performance metrics in PR2 **Speakers** Christoph Hasse, Maciej Pawel Szymanski, Stefan Roiser 10:20-10:40 Status of conditions database Speaker Benedikt Hegner 10:40-11:00 **Detector description Speaker** Ben Couturier

11:00

14:00

-: Run 3 upgrade and developments for 2017 data taking: Status of sub-systems

Session | Location: CERN, 222/R-001 | Convener: Concezio Bozzi

14:00-14:15 Tracking

Speakers

Agnieszka Dziurda, Christoph Hasse

14:15-14:30 **RICH**

Speaker

Christopher Rob Jones

14:30-14:45 **CALO -- canceled**

14:45-15:00

MUON

Speaker

Marco Santimaria

15:00 15:00

-: Run 3 Upgrade: core software: The way ahead

Session | **Location:** CERN, 222/R-001

15:00-15:25 **Upgrade HLT**

Speaker
Olli Lupton

15:25-15:50 Merging master and future, defining a common sequence
Speaker
Sebastien Ponce

15:50-16:15 Coffee Break

-: Reserved for tutorials
Session | Location: CERN, 222/R-001

16:15-17:00 Measuring code performance with valgrind, perf and vtune
Speaker
Monir Hadji

Friday 19 May

09:00

-: Run 3 upgrade: distributed computing Session | Location: CERN, 222/R-001 | Convener: Concezio Bozzi 09:00-09:20 HYDRA: a C++ framework for highly efficient computing on massively parallel architectures **Speaker** Dr Antonio Augusto Alves Junior 09:20-09:40 Migrating analysis software to the new framework **Speaker** Eduardo Rodrigues 09:40-10:00 Computing Resources in Run 3 Speaker Concezio Bozzi 10:00-10:30 Distributed computing in Run 3 (following earlier discussion) Speaker Philippe Charpentier 10:30-11:00 Coffee Break

12:15

11:00-12:00

Ben Jones

Speaker

15:05-15:35

Alexander Baranov

Preparing the TDR

SkyGrid at Yandex

15:35-16:05 Vac and Vcycle news

14:00

-: Container & VM technologies Session | Location: CERN, 222/R-001 | Convener: Andrew McNab 14:00-14:05 | Introduction Speaker Andrew McNab 14:05-14:35 | Experience with containers in LHCb services Speaker Christophe Haen 14:35-15:05 | Singularity Speaker

Speaker
Andrew McNab