

**GAUDI Workshop 2016**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Workshop Dinner

*Thursday 22 September 2016 20:00 (1 hour)*

Contribution ID: 2

Type: **not specified**

## Introduction

*Thursday 22 September 2016 09:00 (10 minutes)*

**Presenters:** HEGNER, Benedikt (CERN); LEGGETT, Charles (Lawrence Berkeley National Lab. (US)); CLEMENCIC, Marco (CERN)

**Session Classification:** Hackathon

Contribution ID: 3

Type: **not specified**

## Re-Entrant (Transform) Algorithms

*Thursday 22 September 2016 09:30 (20 minutes)*

**Presenters:** RAVEN, Gerhard (Natuurkundig Laboratorium-Vrije Universiteit (VU)-Unknown); RAVEN, Gerhard (Nikhef National institute for subatomic physics (NL))

**Session Classification:** Hackathon

Contribution ID: 4

Type: **not specified**

## Unifying Data Handles

*Thursday 22 September 2016 09:10 (20 minutes)*

**Presenters:** LEGGETT, Charles (Lawrence Berkeley National Lab. (US)); CLEMENCIC, Marco (CERN)

**Session Classification:** Hackathon

Contribution ID: 5

Type: **not specified**

## Defining Control and Data Flow in Python

*Thursday 22 September 2016 09:50 (20 minutes)*

**Presenter:** HEGNER, Benedikt (CERN)

**Session Classification:** Hackathon

Contribution ID: 6

Type: **not specified**

## **Introduction to the Workshop**

*Wednesday 21 September 2016 09:00 (20 minutes)*

**Presenter:** HEGNER, Benedikt (CERN)

**Session Classification:** Status and Hopes

Contribution ID: 7

Type: **not specified**

## Gaudi History

*Wednesday 21 September 2016 09:20 (20 minutes)*

**Presenter:** MATO VILA, Pere (CERN)

**Session Classification:** Status and Hopes



Contribution ID: 8

Type: **not specified**

## Usage of and Requirements for Gaudi in ATLAS

*Wednesday 21 September 2016 09:40 (30 minutes)*

**Presenter:** STEWART, Graeme (University of Glasgow (GB))

**Session Classification:** Status and Hopes

Contribution ID: 9

Type: **not specified**

## Usage of and Requirements for Gaudi in LHCb

*Wednesday 21 September 2016 10:10 (30 minutes)*

**Presenter:** PONCE, Sebastien (CERN)

**Session Classification:** Status and Hopes

Contribution ID: **10**

Type: **not specified**

## **Usage of and Requirements for Gaudi in Daya Bay / LZ**

*Wednesday 21 September 2016 10:40 (30 minutes)*

**Presenter:** Dr PATTON, Simon (LBNL)

**Session Classification:** Status and Hopes

Contribution ID: 11

Type: **not specified**

## **Modernizing Gaudi**

*Wednesday 21 September 2016 11:10 (30 minutes)*

**Presenter:** CLEMENCIC, Marco (CERN)

**Session Classification:** Status and Hopes

Contribution ID: 12

Type: **not specified**

## The ATLAS Trigger Use Case

*Thursday 22 September 2016 10:10 (20 minutes)*

**Presenter:** WYNNE, Benjamin Michael (University of Edinburgh (GB))

**Session Classification:** Hackathon

Contribution ID: 13

Type: **not specified**

## **Processing multiple events, lumis, runs**

*Thursday 22 September 2016 10:30 (20 minutes)*

**Presenter:** HEGNER, Benedikt (CERN)

**Session Classification:** Hackathon

Contribution ID: 14

Type: **not specified**

## Condition Handling in ATLAS

*Thursday 22 September 2016 14:00 (20 minutes)*

**Presenter:** LEGGETT, Charles (Lawrence Berkeley National Lab. (US))

**Session Classification:** Hackathon

Contribution ID: 15

Type: **not specified**

## Common Conditions Infrastructure

*Thursday 22 September 2016 14:20 (20 minutes)*

**Presenter:** GRASLAND, Hadrien Benjamin (Laboratoire de l'Accelérateur Lineaire (FR))

**Session Classification:** Hackathon



Contribution ID: **16**

Type: **not specified**

## **Improved Development Workflows**

*Wednesday 21 September 2016 11:40 (20 minutes)*

**Presenter:** HEGNER, Benedikt (CERN)

**Session Classification:** Status and Hopes

Contribution ID: 17

Type: **not specified**

## Summary of Morning Session

*Wednesday 21 September 2016 14:00 (10 minutes)*

**Presenter:** HEGNER, Benedikt (CERN)

**Session Classification:** Hackathon

Contribution ID: **18**

Type: **not specified**

## **Event Store Discussion**

*Wednesday 21 September 2016 15:10 (1h 30m)*

**Presenter:** PATTON, Simon (LBNL)

**Session Classification:** Hackathon

Contribution ID: 19

Type: **not specified**

## Using Components Standalone

*Friday 23 September 2016 09:00 (10 minutes)*

**Presenter:** BUTTINGER, Will (Brookhaven National Laboratory (US))

**Session Classification:** Hackathon

Contribution ID: **20**

Type: **not specified**

## Action Items

*Friday 23 September 2016 09:10 (20 minutes)*

**Presenter:** HEGNER, Benedikt (CERN)

**Session Classification:** Hackathon