

Computing Workshop on Basic Research Computing in the Physics Department

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and Introduction

Wednesday, 26 January 2022 10:00 (5 minutes)

Presenters: PAUS, Christoph (Massachusetts Inst. of Technology (US)); FISHER, Peter (Unknown)

Session Classification: The subMIT pool and connected clusters

Contribution ID: 2

Type: **not specified**

Basic Research Computing - Login Pool - subMIT

Wednesday, 26 January 2022 10:05 (20 minutes)

Presenter: ACOSTA, Paul (MIT)

Session Classification: The subMIT pool and connected clusters

Contribution ID: 3

Type: **not specified**

The CMS Tier-2 and Tier-3 clusters

Wednesday, 26 January 2022 10:25 (20 minutes)

Presenter: GONCHAROV, Maxim (Massachusetts Inst. of Technology (US))

Session Classification: The subMIT pool and connected clusters

Contribution ID: 4

Type: **not specified**

The lattics QCD cluster(s)

Wednesday, 26 January 2022 10:45 (20 minutes)

Presenters: POCHINSKY, Andrew; PAUS, Christoph (Massachusetts Inst. of Technology (US))

Session Classification: The subMIT pool and connected clusters

Contribution ID: 5

Type: **not specified**

The Kavli cluster at Holyoke

Wednesday, 26 January 2022 11:05 (15 minutes)

Presenter: HSI, Paul (MIT)

Session Classification: The subMIT pool and connected clusters

Contribution ID: 6

Type: **not specified**

The Open Science Grid (OSG) / EAPS etc.

Wednesday, 26 January 2022 11:20 (15 minutes)

Presenter: WANG, Zhangqier (Massachusetts Inst. of Technology (US))

Session Classification: The subMIT pool and connected clusters

Contribution ID: 7

Type: **not specified**

Graph neural network-based regression in high granularity calorimeters with SubMIT

Wednesday, 26 January 2022 14:40 (20 minutes)

Presenter: MAIER, Benedikt (CERN)

Session Classification: Data analysis examples

Contribution ID: 8

Type: **not specified**

Workflow management

Wednesday, 26 January 2022 11:35 (15 minutes)

Presenter: FREER, Chad Wells (Massachusetts Inst. of Technology (US))

Session Classification: The subMIT pool and connected clusters

Contribution ID: 9

Type: **not specified**

Analyzing Lightcurves from TESS data using JupyterHub

Wednesday, 26 January 2022 14:20 (20 minutes)

Presenter: BURDGE, Kevin (MIT)

Session Classification: Data analysis examples

Contribution ID: **10**

Type: **not specified**

Massive parrallel fitting to measure the W mass using subMIT

Wednesday, 26 January 2022 14:00 (20 minutes)

Presenter: BENDAVID, Josh (CERN)

Session Classification: Data analysis examples

Contribution ID: 11

Type: **not specified**

Searching Rare Higgs decays in CMS data using subMIT

Wednesday, 26 January 2022 13:20 (20 minutes)

Presenters: WICKERT, Charlotte (MIT); D'ALFONSO, Mariarosaria (Massachusetts Inst. of Technology (US))

Session Classification: Data analysis examples

Contribution ID: 12

Type: **not specified**

Soft Uncluster Energy Pattern search analysis on subMIT

Wednesday, 26 January 2022 13:40 (20 minutes)

Presenters: VALDES, Agustin (MIT); FREER, Chad Wells (Massachusetts Inst. of Technology (US))

Session Classification: Data analysis examples

Contribution ID: 13

Type: **not specified**

Heavy Ion simulations

Wednesday, 26 January 2022 13:00 (20 minutes)

Presenters: NIJS, Govert (Massachusetts Institute of Technology); MALSHI, Luen (MIT)

Session Classification: Data analysis examples

Contribution ID: 14

Type: **not specified**

The JupyterHub setup on subMIT

Wednesday, 26 January 2022 11:50 (15 minutes)

Presenter: LAVEZZO, Luca Marco (MIT)

Session Classification: The subMIT pool and connected clusters