

**AMPEL Workshop:
time-domain astronomy at
DESY**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome, context and goals for the day

Thursday 23 May 2019 10:00 (15 minutes)

Presenter: KOWALSKI, Marek (DESY/HU)

Session Classification: Real-time systems current and future

Contribution ID: 1

Type: **not specified**

Streams, ZTF, and AMPEL

Thursday 23 May 2019 10:15 (30 minutes)

Presenter: NORDIN, Jakob (HU Berlin)

Session Classification: Real-time systems current and future

Contribution ID: 2

Type: **not specified**

The DESY AMPEL system, operation and performance

Thursday 23 May 2019 10:45 (20 minutes)

Presenter: VAN SANTEN, Jakob (DESY)

Session Classification: Real-time systems current and future

Contribution ID: 3

Type: **not specified**

The H.E.S.S. realtime system and CTA requirements

Thursday 23 May 2019 11:35 (30 minutes)

Presenters: HOISCHEN, Clemens (Potsdam University); OHM, Stefan (DESY, Zeuthen)

Session Classification: Real-time systems current and future

Contribution ID: 4

Type: **not specified**

LSST and ULTRASAT

Thursday 23 May 2019 12:05 (25 minutes)

Presenter: NORDIN, Jakob (HU Berlin)

Session Classification: Real-time systems current and future

Contribution ID: 5

Type: **not specified**

Towards an international multi-messenger data center

Thursday 23 May 2019 13:30 (10 minutes)

Presenter: VAN SANTEN, Jakob (DESY)

Session Classification: Simplifying data access

Contribution ID: 6

Type: **not specified**

IceCube-ZTF realtime correlation analysis

Thursday 23 May 2019 14:15 (15 minutes)

Presenter: RAUCH, Ludwig (DESY)

Session Classification: Current applications

Contribution ID: 7

Type: **not specified**

Deep learning transient detection

Thursday 23 May 2019 14:30 (20 minutes)

Presenter: SADEH, Iftach (DESY)

Session Classification: Current applications

Contribution ID: 8

Type: **not specified**

Plans for ML Applications in AMPEL

Thursday 23 May 2019 14:50 (12 minutes)

Presenter: MIRANDA, Nicolas (HU Berlin)

Session Classification: Current applications

Contribution ID: 9

Type: **not specified**

Finding tidal disruption events with ZTF

Thursday 23 May 2019 15:02 (12 minutes)

Presenter: STEIN, Robert (DESY Zeuthen)

Session Classification: Current applications

Contribution ID: **10**

Type: **not specified**

ZTF Cosmology

Thursday 23 May 2019 15:14 (15 minutes)

Presenter: BRINNEL, Valéry (HU Berlin)

Session Classification: Current applications

Contribution ID: **11**

Type: **not specified**

Discussion

Thursday 23 May 2019 13:40 (30 minutes)

Session Classification: Simplifying data access

Contribution ID: **12**

Type: **not specified**

Catalog matching services

Thursday 23 May 2019 11:05 (10 minutes)

Presenter: GIOMI, Matteo (HU Berlin)

Session Classification: Real-time systems current and future