

<https://indico.cern.ch/event/826133/>



## MTD L1 Trigger workshop

Tuesday 18 Jun 2019, 09:00 → 13:00 Europe/Zurich

40/5-A01 (CERN)

09:00 → 09:10

### Introduction

10m

**Speaker:** Frank Hartmann (KIT - Karlsruhe Institute of Technology (DE))

MTDL1Intro1806.20...

MTDL1Intro1806.20...

09:10 → 10:10

### MTD L1 Trigger: physics opportunities

1h



**Speaker:** Pablo Martinez Ruiz Del Arbol (Universidad de Cantabria and CSIC (ES))

L1-Physics-Motivati...

10:10 → 10:30

### Coffee & Tea

20m

10:30 → 11:05

### Physics motivation (L1view) incl. L1 algos

35m

**Speakers:** Cristina Botta (CERN) , Vladimir Rekovic (Vinca, University of Belgrade (RS)/ CERN / Florida (US))

L1T\_Menu\_for\_MTD...

11:10 → 11:50

### Technical implementation, options and potential show-stoppers (L1 & MTD)

40m

Options for implementation, constraints, studies that were performed and implications for the on-detector and off-detector HW

**Speaker:** Isobel Ojalvo (Princeton University (US))

MTD-L1-report\_Jun...

11:55 → 12:40

### Discussion

45m