

Session Program

6-10 Jul 2026

2026 CMS-ATLAS Flavour Tagging Workshop

Plenary

University of Florence, Università degli Studi di Firenze - Centro Didattico Morgagni
Viale Giovanni Battista Morgagni, 40, 50134 Firenze FI, Italy

Monday 6 July

10:30

Plenary: Opening plenary

Session |

Location: University of Florence, Università degli Studi di Firenze - Centro Didattico Morgagni, Viale Giovanni Battista Morgagni, 40, 50134 Firenze FI, Italy

10:30–10:50 Welcome and introduction

Speaker

Alessandro Calandri

10:50–11:15 Overview of Flavour Tagging in ATLAS and CMS

Speakers

Sebastian Wuchterl, Spandan Mondal

11:15–11:30 Tracking and vertexing in ATLAS

Speaker

Luis Falda Coelho

11:30–11:45 Tracking and vertexing in CMS

Speaker

Kai Kang

11:45–11:55 Discussion

11:55–12:10 Jets reconstruction in ATLAS

Speaker

Brendon Bullard

12:10–12:25 Jets reconstruction in CMS

Speaker

Nurfikri Norjoharuddeen

12:25–12:35 Discussion

13:00–14:00 Lunch break

14:00–14:15 Tau reconstruction in ATLAS

Speaker

Nadav Michael Tamir

14:15–14:30 Tau reconstruction in CMS

Speaker

Michal Bluj

14:30–14:40 Discussion

14:40–15:00 Inputs on MC modeling relevant for FTAG in ATLAS

15:00-15:20

Inputs on MC modeling relevant for FTAG in CMS

Speaker

Lorenzo Viliani

15:20-15:40

Discussion

15:40-16:10

Coffee break

16:10-16:30

Flavour tagging at LHCb

Speaker

Borja Sevilla Sanjuan

16:30-17:00

Theory talk on b- and c-jets labelling

Speaker

Ludovic Michel Scyboz

17:30

Tuesday 7 July

09:00

Plenary: Software/algorithms

Session |

Location: University of Florence, Università degli Studi di Firenze - Centro Didattico Morgagni, Viale Giovanni Battista Morgagni, 40, 50134 Firenze FI, Italy

09:00–09:20

Summary of software/FTAG frameworks ATLAS

Speaker

Alexander Froch

09:20–09:40

Summary of software/FTAG framework CMS

Speaker

Ulrich Willemsen

09:40–09:55

Discussion

09:55–10:15

Small-radius jets ATLAS

Speaker

Dmitrii Kobylanski

10:15–10:35

Small-radius jets CMS

Speakers

Alexandre De Moor, Pavlo Kashko

10:35–10:50

Discussion

11:00–11:30

Coffee break

11:30–11:50

Large-radius jets ATLAS

Speaker

Edoardo Critelli

11:50–12:10

Large-radius jets CMS

Speaker

Congqiao Li

12:10–12:25

Discussion

12:25–12:45

CMS ML-based Particle Flow reconstruction [remote]

Speaker

Farouk Mokhtar

13:00–14:00

Lunch break

14:00

Wednesday 8 July

09:00

Plenary: Calibrations

Session |

Location: University of Florence, Università degli Studi di Firenze - Centro Didattico Morgagni, Viale Giovanni Battista Morgagni, 40, 50134 Firenze FI, Italy

09:00–09:15 **b-jet calibrations and combinations CMS**

Speaker

Benedetta Camaiani

09:15–09:30 **b-jet calibrations ATLAS**

Speaker

Cen Mo

09:30–09:45 **Discussion**

09:45–10:00 **c- and light flavour jet calibration CMS**

Speaker

Agostino De Iorio

10:00–10:15 **c-jet calibration ATLAS**

Speaker

Andrew Mehta

10:15–10:30 **Light-flavour jet calibration ATLAS**

Speaker

Alex Gavin

10:30–10:50 **Discussion**

10:50–11:20 **Coffee break**

11:20–11:35 **Continuous calibration CMS**

Speaker

Spandan Mondal

11:35–11:50 **MC-MC, high pt extrapolations and alternative methods ATLAS**

Speaker

Abderahmane Maiza

11:50–12:05 **Discussion**

12:05–12:20 **Boosted bb/cc calibration CMS**

Speaker

Matteo Marchegiani

12:20–12:35 **Boosted bb/cc calibration ATLAS**

Speaker
Zonghuan Duan

12:35-12:50 **Discussion**

13:00-14:00 **Lunch break**

14:00

Thursday 9 July

09:00

Plenary: b-jet trigger

Session |

Location: University of Florence, Università degli Studi di Firenze - Centro Didattico Morgagni, Viale Giovanni Battista Morgagni, 40, 50134 Firenze FI, Italy

09:00–09:20

Commissioning of Run 3 trigger ATLAS

Speaker

Maggie Chen

09:20–09:40

HLT training and commissioning CMS

Speaker

Uttiya Sarkar

09:40–10:00

HLT Physics performance Run 3 CMS

Speaker

Soumya Mukherjee

10:00–10:20

Heavy-Flavour identification at HLT ATLAS

Speaker

Lucas Bezio

10:20–10:40

Boosted Xbb ATLAS

Speaker

Shota Izumiyama

10:40–11:00

AK8 ParticleNet for bb tagging CMS

Speaker

Donato Troiano

11:00–11:30

Coffee break

11:30–12:00

Overview of fast inference techniques for flavour tagging and beyond

Speaker

Christopher Edward Brown

12:00–12:30

Re-analysis on ALEPH LEP data using modern jet-flavour tagging

Speaker

Luka Lambrecht

13:00–14:00

Lunch break

14:00

Friday 10 July

09:00

Plenary: Closing

Session |

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09:00–09:30

FTAG usage in physics analyses and the role of ML: an overview in ATLAS and CMS

Speaker

Loukas Gouskos

09:30–09:50

ATLAS summary from CMS perspective

Speakers

Alessandro Calandri, Alexandre De Moor

09:50–10:10

CMS summary from ATLAS perspective

Speakers

Angela Maria Burger, Valentina Vecchio

10:10–10:25

Discussion

10:30–11:00

Coffee break

11:00–11:20

Outlook: open questions and future CMS

Speakers

Sebastian Wuchterl, Spandan Mondal

11:20–11:40

Outlook: open questions and future ATLAS

Speakers

Dan Guest, Francesco Armando Di Bello

11:40–11:55

Closing remarks

Speaker

Alessandro Calandri

13:00–14:00

Lunch break

14:00