

Session Program

27-31 Jan 2020



8th Beam Telescopes and Test Beams Workshop

Analysis & Simulations

Tbilisi State University
1 Chavchavadze Av., Tbilisi, Vake district

Wednesday 29 January

09:00

Analysis & Simulations

Session | **Location:** Tbilisi State University, Building I, Room 317, 1 Chavchavadze Av., Tbilisi, Vake district | **Convener:** Tamar Zakareishvili

09:00–09:20

Test beam for Low EMittance Muon Accelerator

Speaker
Camilla Curatolo

09:20–09:40

UA9 Test Beams for Bent Crystal Studies - Experience and Results

Speaker
Roberto Rossi

09:40–10:00

Beam Tests of the CALICE AHCAL

Speaker
Maria Robles Manzano

10:00

13:10

Analysis & Simulations

Session | **Location:** Tbilisi State Univeristy, Building I, Room 317, 1 Chavchavadze Av., Tbilisi, Vake district | **Convener:** Maria Robles Manzano

13:10–13:30

Beam-tests of CMS High Granularity Calorimeter prototypes at CERN

Speaker
Ludivine Ceard

13:30–13:50

The CMS ECAL Upgrade for Precision Crystal Calorimetry at the HL-LHC

Speaker
Thomas Reitenspiess

13:50–14:10

Studies of the response of the ATLAS Tile Calorimeter to beams of particles at the CERN test beams facility

Speaker
Michaela Mlynarikova

14:10–14:30

Study of energy response and resolution of the ATLAS Tile Calorimeter to hadrons of energies from 16 to 30 GeV

Speaker
Tamar Zakareishvili

14:30

Thursday 30 January

11:00

Analysis & Simulations

Session | **Location:** Tbilisi State University, Building I, Room 317, 1 Chavchavadze Av., Tbilisi, Vake district |
Convener: Paul Schütze

11:00–11:20

Comparing electromagnetic particle showers for electrons and positrons - a BL4S experiment

Speakers

Ms Ilja de Goede, Ms Isabelle Koster

11:20–11:40

A High-Granularity Timing Detector for the Phase-II upgrade of the ATLAS Calorimeter system: beam test results

Speaker

Chiara Grieco

11:40–12:00

LGAD Performance at Low Energy Proton and Ion Beams for Medical Applications

Speaker

Florian Michael Pitters

12:00–12:20

Test beam results on highly irradiated scCVD diamond timing sensors

Speaker

Edoardo Bossini

12:20–12:40

Scintillators characterization with KOMAC proton beam

Speaker

Hongjoo Kim

12:40

Friday 31 January

09:20

Analysis & Simulations

Session | **Location:** Tbilisi State University, Building I, Room 317, 1 Chavchavadze Av., Tbilisi, Vake district | **Convener:** Florian Michael Pitters

09:20–09:40

Test Beam results of 3D pixel sensors interconnected to RD53A readout chip before and after irradiation

Speaker

Rudy Ceccarelli

09:40–10:00

Silicon Pixel Detector Test-beam Studies for the CLIC Tracking System

Speaker

Magdalena Munker

10:00–10:20

Resolution studies of the ELAD sensors

Speaker

Anastasiia Velyka

10:20–10:40

Test Beam and Lab Results of ATLAS Sensors with Modified Pixel Implantations

Speaker

Mareike Wagner

10:40

11:10

Analysis & Simulations

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11:10–11:30

Material Budget Imaging: Calibration and Correction Methods

Speaker

Jan-Hendrik Arling

11:30–11:50

High rate electron beam tests with HV-MAPS prototypes at MAMI

Speaker

Carsten Grzesik

11:50–12:10

Overview of beam tests for the ATLAS ITk planar sensor market survey

Speaker

Valerie Vanessa Hohm

12:10–12:30

Test beam results for the ATLAS ITk Strip upgrade

Speaker

Arturo Rodriguez Rodriguez

12:30