

ATLAS ITk Pixel Module QC Workshop

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Intro

Monday, 13 January 2025 09:00 (15 minutes)

Presenter: HEIM, Timon

Session Classification: Lectures

Contribution ID: 2

Type: **not specified**

Introduction to ITkPix chip and serial powering - part I

Monday, 13 January 2025 09:15 (1 hour)

Presenter: HEIM, Timon

Session Classification: Lectures

Contribution ID: 3

Type: **not specified**

Introduction to ITkPix chip and serial powering - part II

Monday, 13 January 2025 10:30 (1 hour)

Presenter: HEIM, Timon

Session Classification: Lectures

Contribution ID: 4

Type: **not specified**

Plans for the afternoon sessions

Monday, 13 January 2025 11:30 (30 minutes)

Presenters: PIANORI, Elisabetta; MENG, Lingxin (Lancaster University (GB)); MARJANOVIC, Marija (University of Oklahoma); HEIM, Timon

Session Classification: Lectures

Contribution ID: 5

Type: **not specified**

DAQ (hardware, firmware, software)

Tuesday, 14 January 2025 09:00 (1h 45m)

Presenters: LE POTTIER, Luc; HEIM, Timon

Session Classification: Lectures

Contribution ID: 6

Type: **not specified**

QC procedure part 1

Tuesday, 14 January 2025 11:00 (1 hour)

- Data flow
- Measurements

Presenters: MENG, Lingxin (Lancaster University (GB)); MARJANOVIC, Marija (University of Oklahoma)

Session Classification: Lectures

Contribution ID: 7

Type: **not specified**

QC procedures - part II

Wednesday, 15 January 2025 09:00 (1h 45m)

- Simple scans software
- YARR scans and tunings

Presenters: MENG, Lingxin; MARJANOVIC, Marija

Session Classification: Lectures

Contribution ID: 8

Type: **not specified**

Case studies

Wednesday, 15 January 2025 11:00 (1 hour)

Presenter: PIANORI, Elisabetta

Session Classification: Lectures

Contribution ID: 9

Type: **not specified**

Stand-up

Tuesday, 14 January 2025 13:00 (15 minutes)

2 minutes report from each person:

- what's my plan for today
- if I am blocked and I need help to move on

Session Classification: Hands-on

Contribution ID: **10**

Type: **not specified**

Stand-up

Wednesday, 15 January 2025 13:00 (15 minutes)

2 minutes report from each person:

- what's my plan for today
- if I am blocked and I need help to move on

Session Classification: Hands-on

Contribution ID: **11**

Type: **not specified**

Stand-up

Thursday, 16 January 2025 13:00 (15 minutes)

2 minutes report from each person:

- what's my plan for today
- if I am blocked and I need help to move on

Session Classification: Hands-on

Contribution ID: **12**

Type: **not specified**

localDB, prodDB, and all things database

Thursday, 16 January 2025 09:00 (3 hours)

Presenters: STARK, Glordon; OIDE, Hideyuki; UEMATSU, Yuma

Session Classification: Lectures

Contribution ID: 13

Type: **not specified**

Review of all work done this week

Friday, 17 January 2025 13:00 (1h 30m)

First we will have a roundtable for all people:

- please prepare to discuss any development you have made, and what's left to do on your issues
- if you have done physics studies, please prepare a presentation with results

We will then discuss assignment of new tasks for people interested in continuing developing

Session Classification: Lectures

Contribution ID: **14**

Type: **not specified**

Wrap-up slides

Friday, 17 January 2025 14:30 (30 minutes)

Session Classification: Lectures

Contribution ID: 15

Type: **not specified**

Meeting the LBNL Physics Division director, Nathalie Palanque-Delabrouille

Friday, 17 January 2025 15:00 (15 minutes)

Session Classification: Lectures

Contribution ID: **16**

Type: **not specified**

Case studies and further discussions

Friday, 17 January 2025 15:15 (1h 45m)

for whoever is interested

Session Classification: Lectures