

---

# **8-ID-E Docs Documentation**

***Release 0.1.1***

**Argonne National Laboratory**

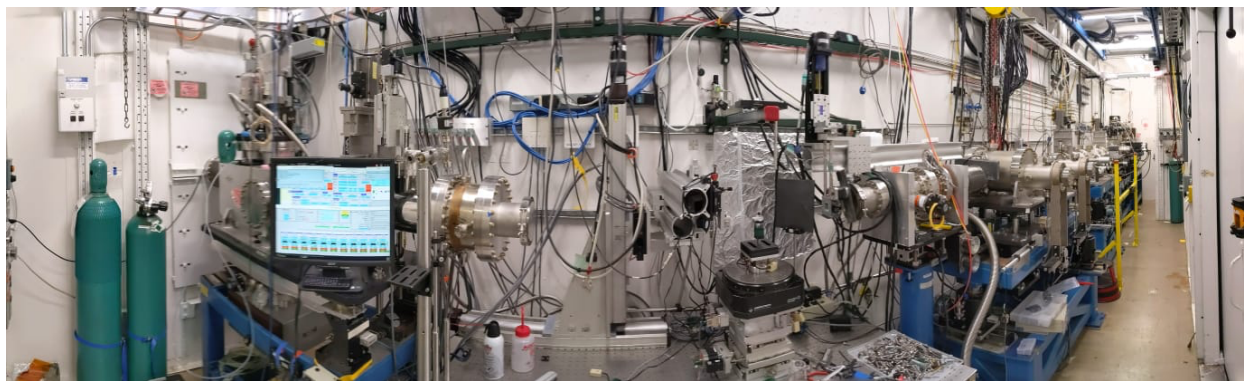
**Mar 04, 2021**



# CONTENTS

1	Content	3
2	Contribute	7
	Bibliography	9





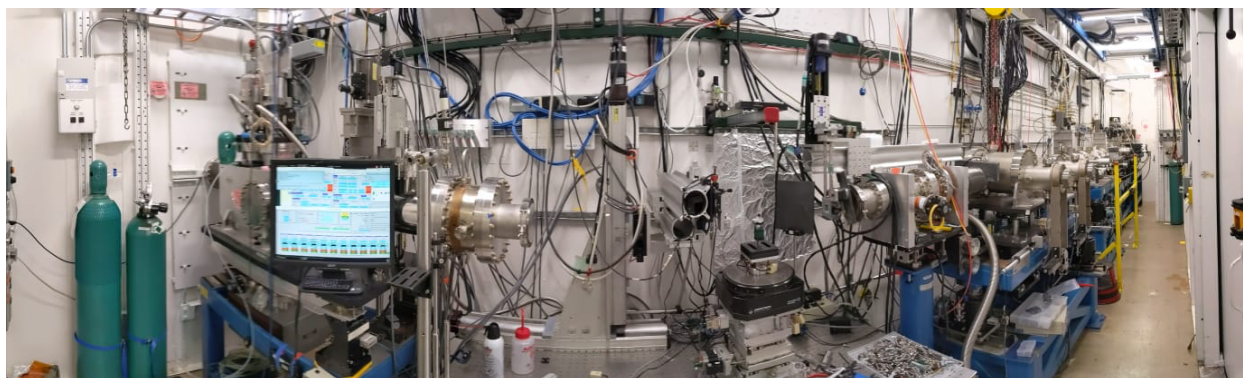
Manual and troubleshooting information to operate the APS beamline 8-ID-E



## CONTENT

### 1.1 About

8-ID-E Docs contains brief instructions on how to operate and troubleshoot beamline 8-ID-E.



### 1.2 Overview

The 8-ID-E instrument of the APS for ....

#### 1.2.1 Sample preparation

here is an example of how to make a link  
[CXRO website](#).

#### 1.2.2 Sample environments

The 8-ID-E microCT instrument has been designed to accomodate different kind of *in situ* cells.

## Electrochemistry

to be completed

## Battery cell

to be completed

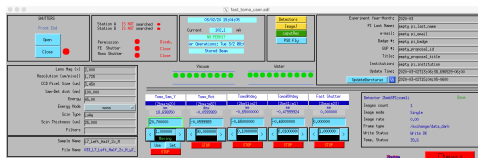
## Furnace

to be completed

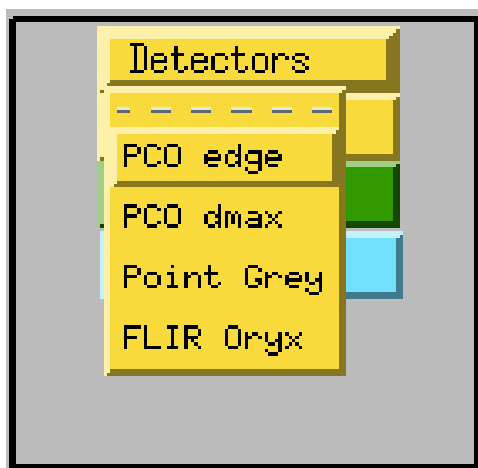
## 1.3 Operation

This section contains beamline operation instructions.

### 1.3.1 adding images 1



### 1.3.2 adding images 2





## 1.4 Troubleshoot

### 1.4.1 title of item 1

Here is an example of how to add code:

```
[user2bmb@lyra,47,startup]$ cd ~/.ipython/profile_2bmb/startup/  
[user2bmb@lyra,52,startup]$ caget mona:StopAcquisition
```

### 1.4.2 title of item 2

- *sub 1*

#### sub 1

text 1

## 1.5 Ask for support

Please open a ticket using the github [Issue Tracker](#).

#### Contact

Joe Strzalka  
email: [strzalka@anl.gov](mailto:strzalka@anl.gov)  
Beamline: (630) 252-0283

## 1.6 Publications

TO BE COMPLETED:

### 1.6.1 Credits

TO BE COMPLETED:

We kindly request that you cite the following article [[A1](#)] related to the **8-ID-E**

If you have been using **TomoPy** for the 3D reconstructions,

## 1.6.2 List

TO BE COMPLETED:

**Below is the up-to-date publication list from the 8-ID-E user community:**

## CONTRIBUTE

- Documentation



## BIBLIOGRAPHY

- [A1] Vincent De Andrade, Alex Deriy, Michael J Wojcik, Doga Gürsoy, Deming Shu, Kamel Fezzaa, and Francesco De Carlo. Nanoscale 3d imaging at the advanced photon source. *SPIE Newsroom*, 10(2.1201604):006461, 2016.
- [B1] Tianyi Li, Cheolwoong Lim, Yi Cui, Xinwei Zhou, Huixiao Kang, Bo Yan, Melissa L Meyerson, Jason A Weeks, Qi Liu, Fangmin Guo, and others. In situ and operando investigation of the dynamic morphological and phase changes of a selenium-doped germanium electrode during (de) lithiation processes. *Journal of Materials Chemistry A*, 2020.