

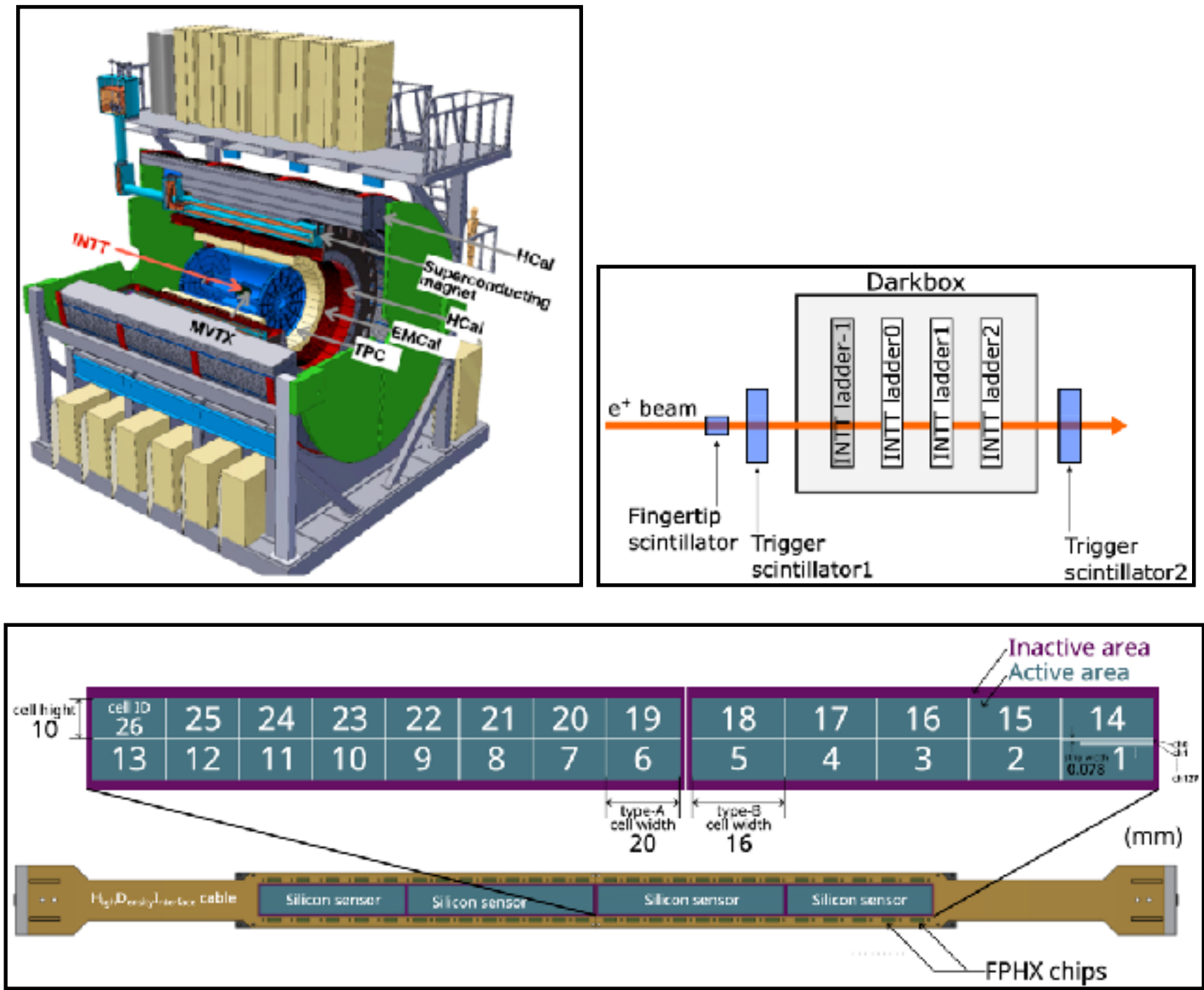
[Link to ELPH](#)



# ELPH annual report

All groups that performed test beam experiments at ELPH are expected to submit an annual report. We should contribute.  
Deadline: Jan/10/2023

Title: Performance evaluation of the Intermediate Tracker for sPHENIX  
Current Idea of the table of contents:



[Link to the draft](#)

|     |  | Details                             | #fig | #page | Author    |
|-----|--|-------------------------------------|------|-------|-----------|
| 1   | Introduction   | Introduction of Physics and sPHENIX | 1    | 0.5   | Genki     |
| 2   | Intermediate Silicon Tracker                               | Introduction of INTT                | 1    | 0.5   | Genki     |
| 3   | The experiment (temp)                                      | Explanation of the setup            | 1    | 0.5-1 | Genki     |
| 4   | Results  |                                     |      |       |           |
| 4.1 | Signal noise ratio from the energy deposition curve (temp) | DAC scan                            | 1    | 0.5-1 | Yuka      |
| 4.2 | Detection efficiency                                       | Detection efficiency                | 1-2  | 1.5   | Cheng-Wei |
| 5   | Summary, Aknowledgement                                    |                                     | 0    | 0.5   | Genki     |

4-5 pages