## **SNU Status**

2025 / 09 / 04

**Inseok Yoon (Seoul National University)** 

MPGD DSC

## 1. New Student

- Hyeonjin Lee
- PhD. student

## **2.** 10x10 $\mu$ RWELL status

Prototype production done

We will begin the HV stability test shortly

- Since the IBS cleanroom will be occupied by CMS foil production for another one to two months, I'm currently searching for an alternative location

- I found an unused cleanroom at SNU and are I'm trying to get permission

• An oven (50cm \* 50cm \* 60cm (h)) has also been prepared and is ready

for use



## 3. DLC sputtering study

- Although this study does not specifically target the ePIC ECT...
- However, my long-term goal is to establish domestic production of DLC-FCCL to gain greater flexibility in scheduling and logistics
- I met with a company specializing in DLC sputtering, which is conveniently located a 5-minute drive from the etching site
- Link
- They already specialize in using DLC for resistive coatings in applications such as secondary batteries

σ-DLC

- Their capabilities range from 60cm x 60cm coatings for R&D purposes to large-area coatings of 1.2m x 2.5m using their larger sputtering equipment
- I plan to plot the resistivity of the DLC-FCCL as a function of the DLC thickness





