**Lab log**

**Date:** 7/25/2013

**Info:** --

**Conditions:** BSE, 15 kV, PC 70, 50 Pa, Wd 6 -> ~10.1 mm tech.

**Goal:**

1. Try to test what the problem is with low-quality profiles – still. Focus on taking vertical images to confirm.

**What I did:**

1. Standard start, go to -45 °C, wait for crystals to start to appear.
2. Quickly go for -30 °C, find a good crystal.
3. Take pictures of it in time.

**Products:**

I forgot to remove the blackbar, so snp1-5 are useless, yet can still be used for comparison. I tested the “photo” button on the cold stage on snp8-11.

**Info:**

|  |  |  |
| --- | --- | --- |
| Temp taken [°C] | Note | Name |
| -42 |  | 955\_3d\_snp6 |
| -30 from now on | 3 min in | 955\_3d\_snp7 |
|  | 5 min in | 955\_3d\_snp8 |
|  | 8 min in | 955\_3d\_snp9 |
|  | 11 min in | 955\_3d\_snp10 |
|  | 15 min in | 955\_3d\_snp11 |