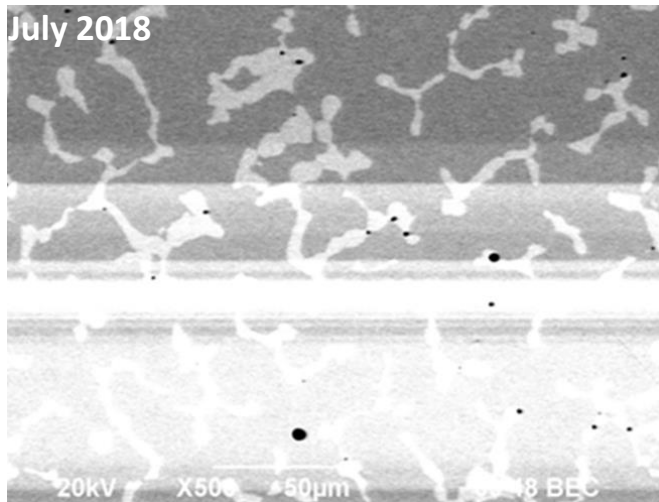


## Laboratory of electron microscopy



**Repair of high-voltage cable and full maintenance of two electron microscopes**

July 2018

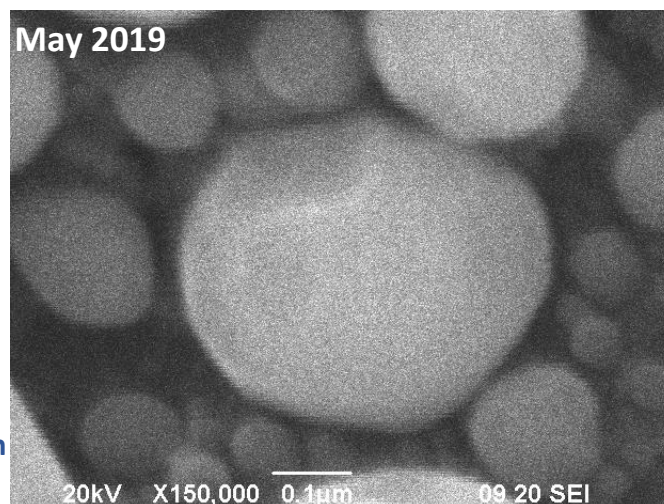


**Before**

magnification  
x 500



May 2019

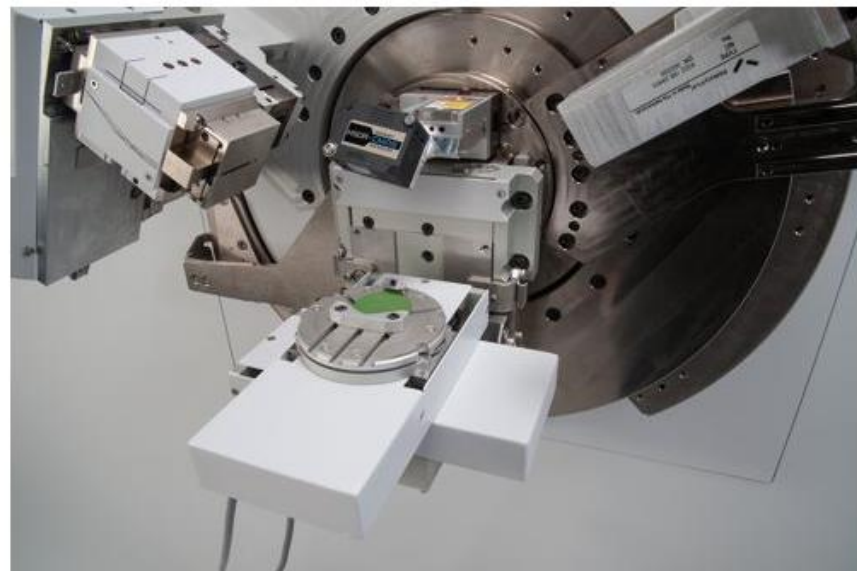


**After**

## Laboratory of X-ray methods and tomography

**New height sensor for Empyrean  
multipurpose diffractometer**

- The size of the laser spot at the sample position is in the order of  $200\text{ }\mu\text{m} \times 400\text{ }\mu\text{m}$ .
- The accuracy for such samples is  $10\text{ }\mu\text{m}$ .



*Height Sensor Mounted*



*Height Sensor*

## Laboratory of X-ray methods and tomography



Computer tomography device  
SkyScan 1272, Bruker

### 3D images

Application in multiple areas: dentistry

