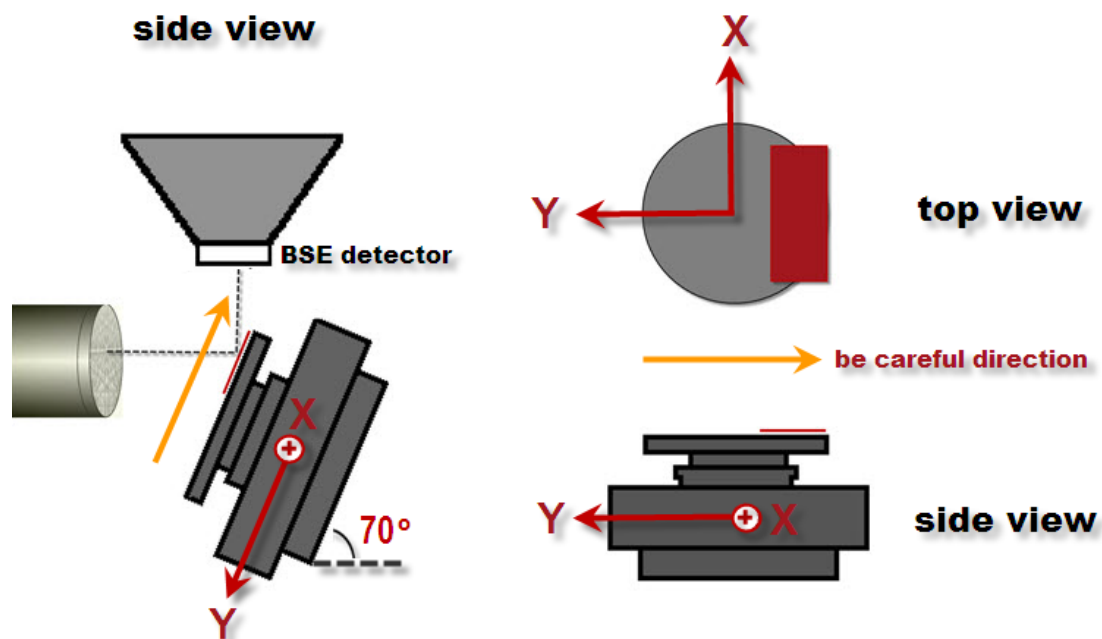


Zeiss EBSD stage Configuration at EM Lab

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The geometry configuration of Zeiss stages (Supra and Ultra) is shown in below figure, which is correlated with the stage real situation inside the SEM chambers. **For protecting the brittle BSE detector** under EBSD working condition (WD 20mm, 70-degree tilted angle), it should be very careful as moving large distance along the MINUS-Y direction (as shown with the yellow line in all below figures), especially for the large sample with COMBO scan! For the large elongated EBSD sample, the elongated direction should be mounted along the X axis in below RED region.



As shown in the below sketch, the X and Y axis configurations are totally different in the SEM camera-view and SE modes than that in the above situation. For a large sample during sample tilting and moving, it is always a good idea to frequently check back the real situation in the camera view.

