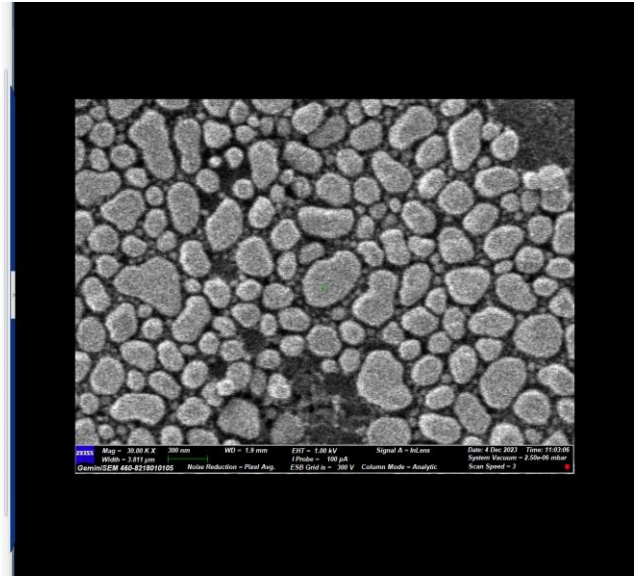


Supplementary Movie for “Automatic Beam Optimization Method for Scanning Electron Microscopy based on Electron Beam Kernel Estimation”



A video recording of the automated control process presented in this paper is shown above. The screen on the left side represents an in-house program, showing update of parameter set, while the screen on the right displays live video of the current sample using the Zeiss SmartSEM program. With each update of SEM parameters, the proposed beam kernel estimation process is executed. As a result of these parameter updates, there is noticeable enhancement in the sharpness of SEM images. Please play slide show to watch video.