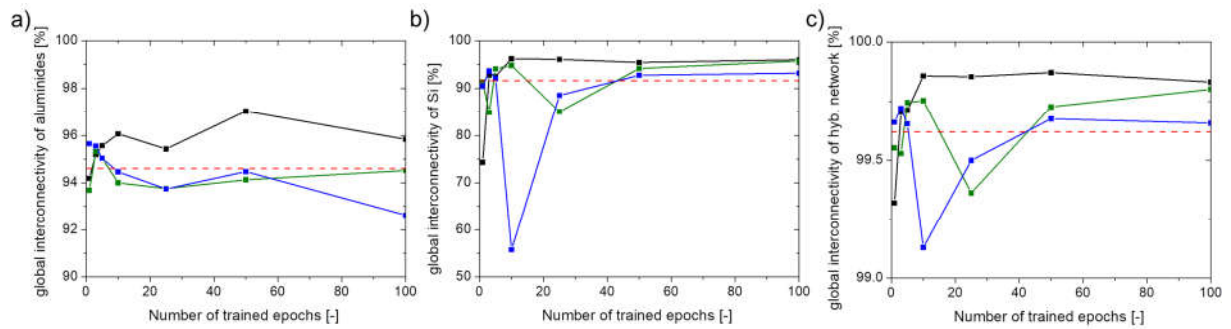# Semantic segmentation of synchrotron tomography of multiphase Al-Si alloys using a convolutional neural network with a pixel-wise weighted loss function

Tobias STROHMANN*[1], Katrin BUGELNIG[1], Eric BREITBARTH[1], Fabian WILDE [2],

Thomas STEFFENS[3], Holger GERMANN[3],

Guillermo REQUENA[1,4]

Supplementary figures

Supplementary figure 1 - Global interconnectivity of Si, aluminides and the hybrid Si+aluminides networks