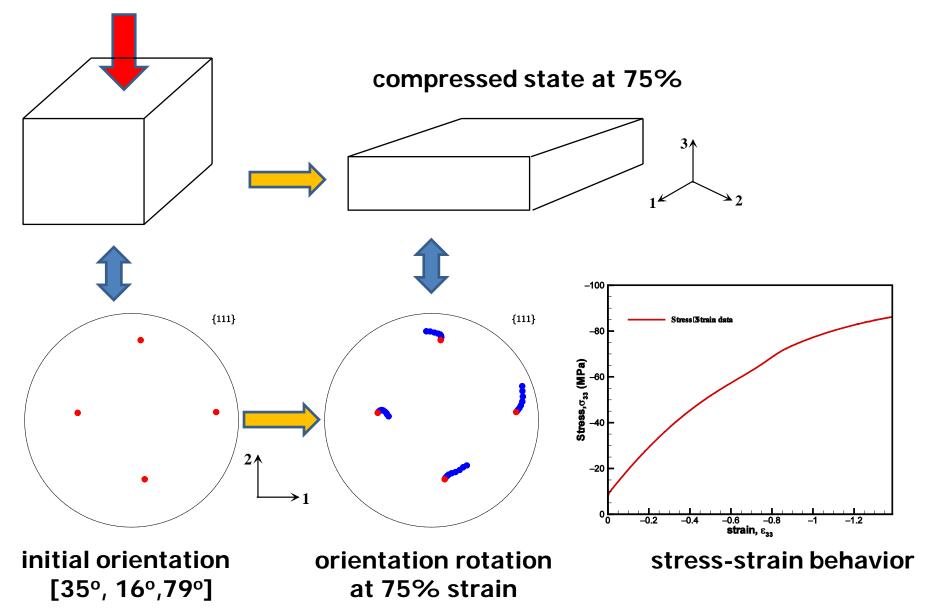
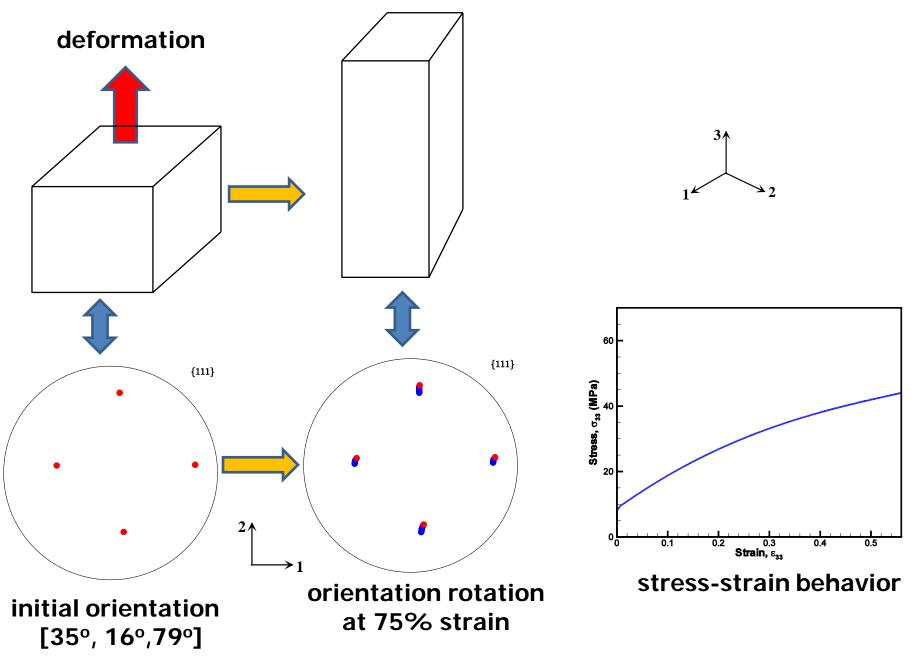
Crystal Plasticity FEM: The Mechanical Response and Texture Evolution of Aluminum Single Crystals / Polycrystals Using One-Element Simulations

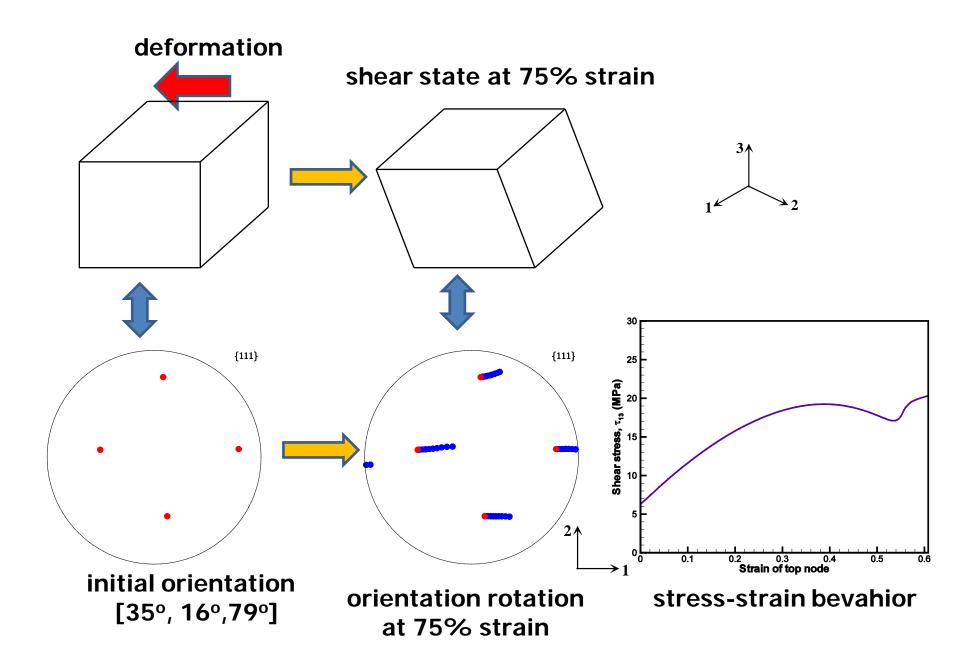
Q. Ma, E.B. Marin, M.F. Horstemeyer

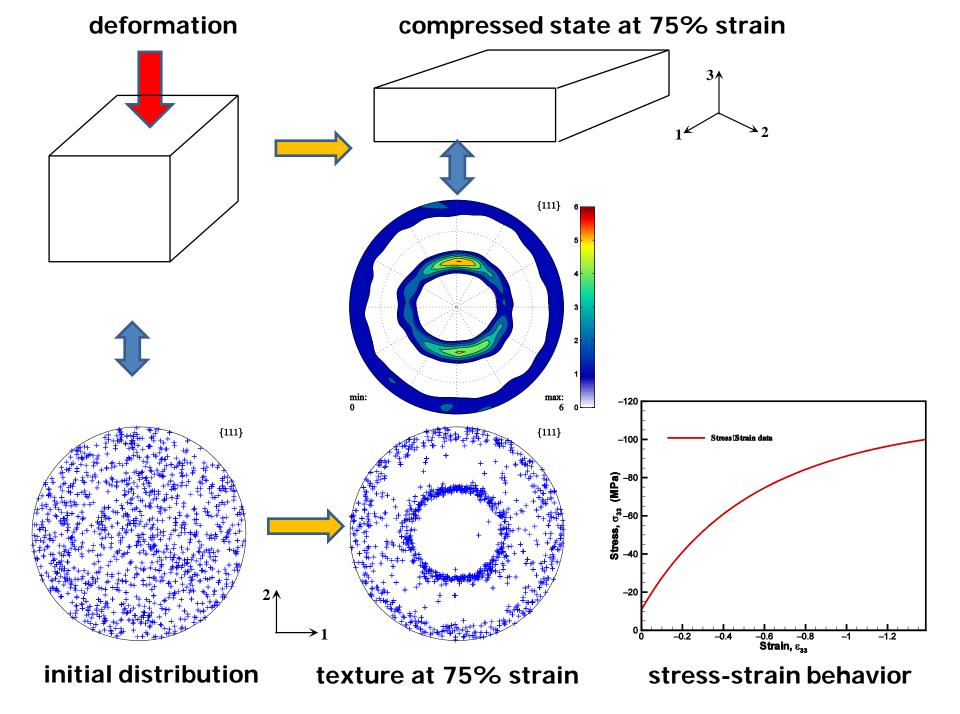
## deformation



## tension state at 75% strain

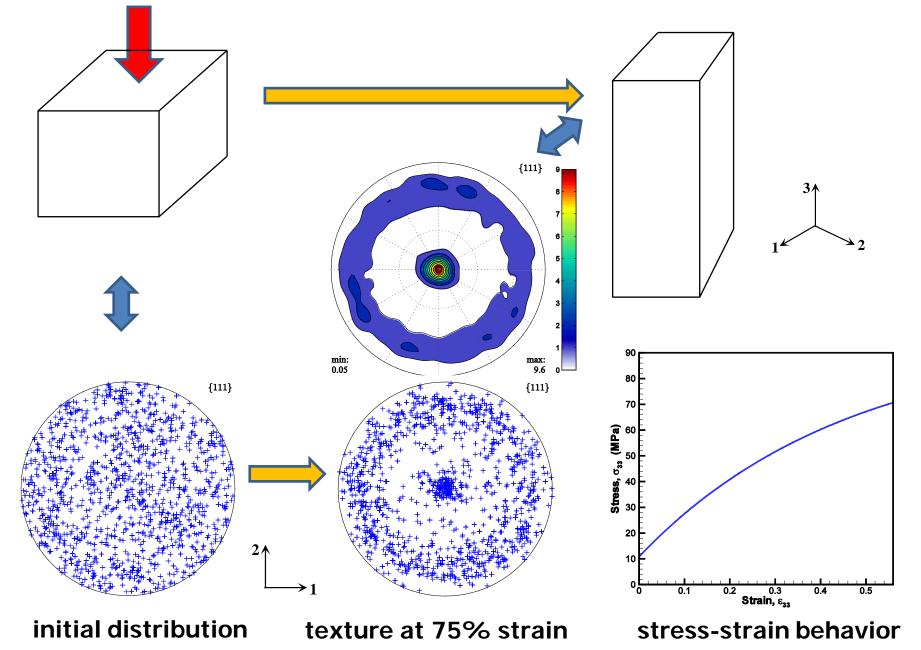


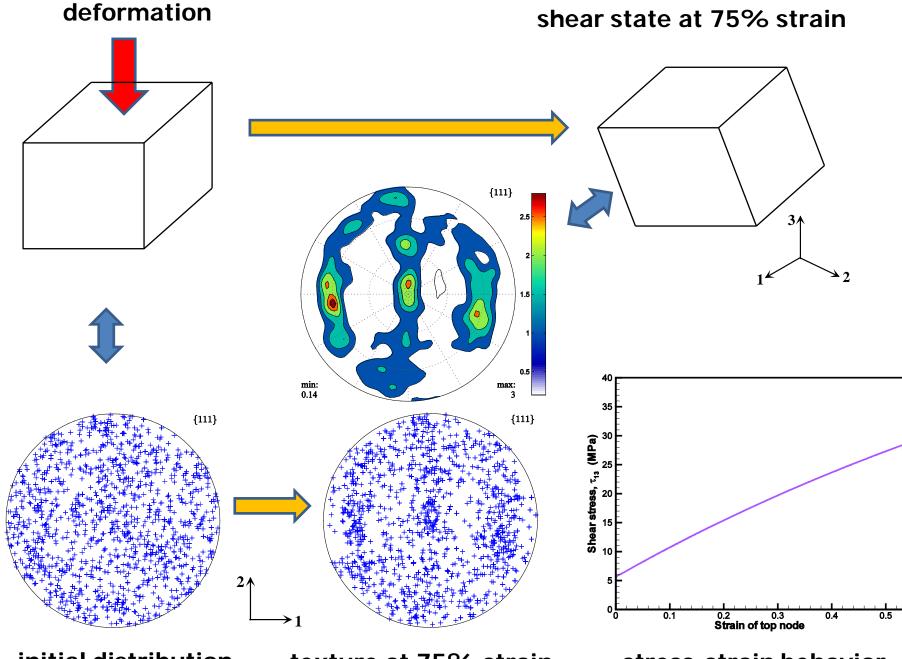






## Tension state at 75% strain





initial distribution

texture at 75% strain

stress-strain behavior