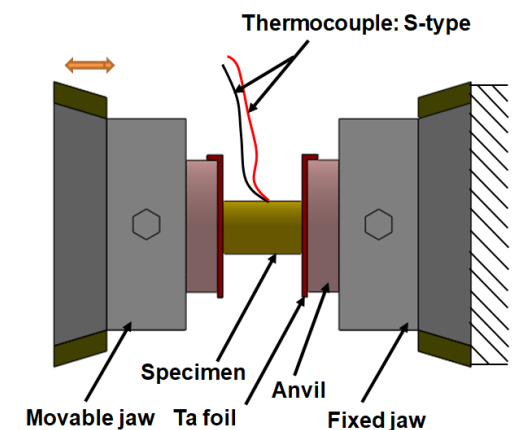
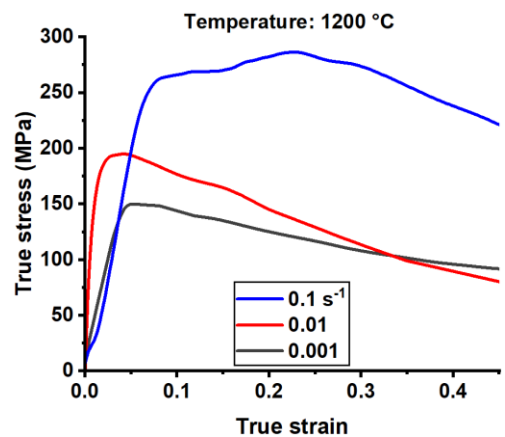
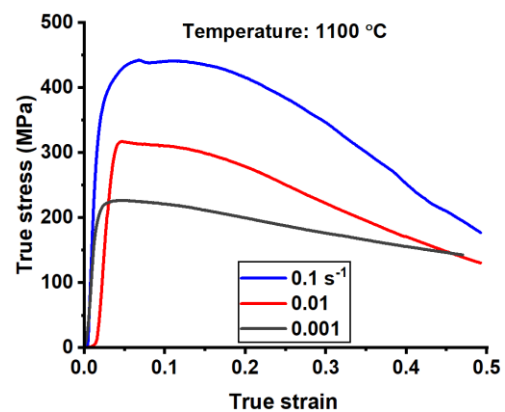
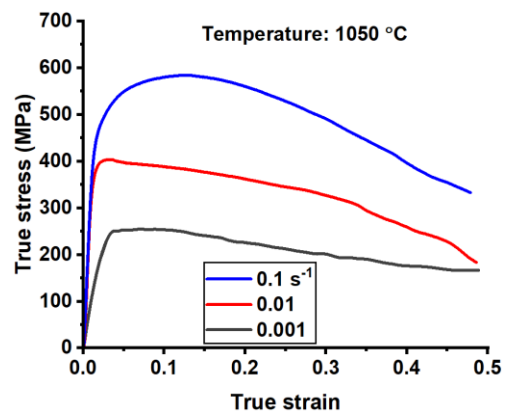


# Graphical abstract

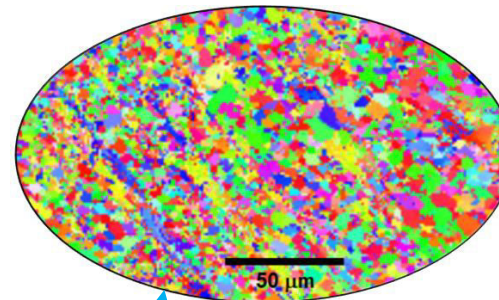


Gleeble hot compression tests at 1050-1200 °C and 0.001-0.1 s<sup>-1</sup>

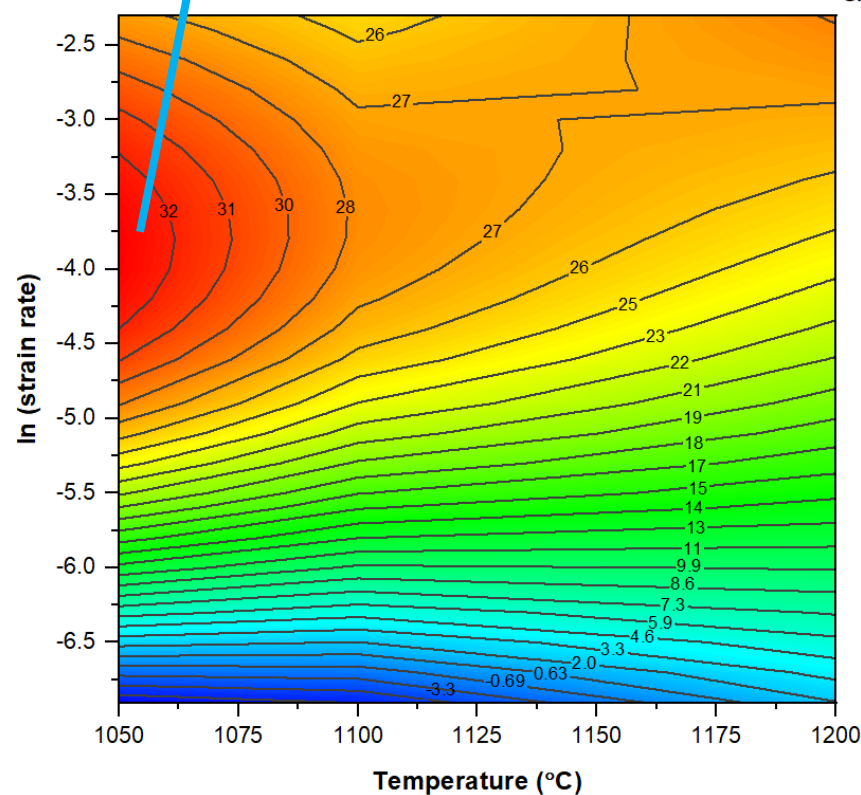
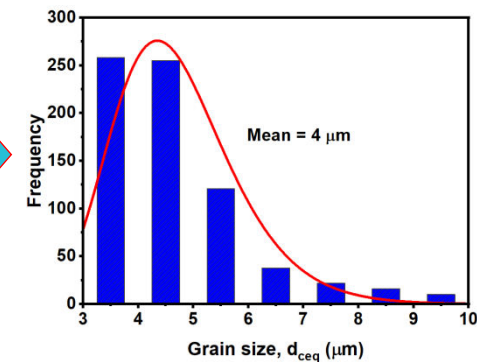


Hot compression flow curves

IPF at the optimum window



Grain size at the optimum window



Power dissipation map