

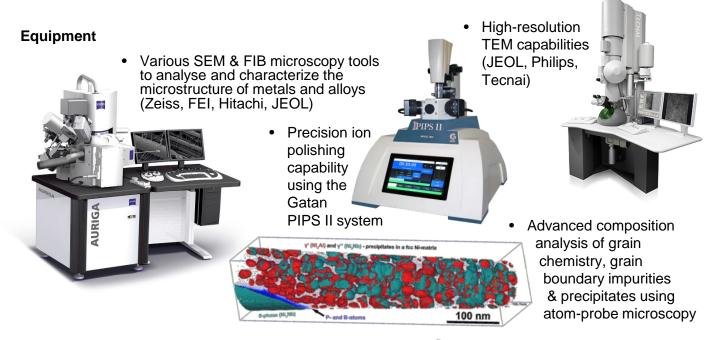
School of Mechanical and Manufacturing Engineering & School of Materials Science

Processing & Structure Correlation

EXPERTISE

Characterization & modelling:

- Thermo-kinetic modelling of advanced steels
- Microscopic characterization of structure and grain boundary character (FIB/TEM/TKD/APM)
- Thermomechanical processing of advanced steels, Ni-based superalloys, refractory metals
- Calculation and characterization of the formation of precipitates
- Correlation between processing, structure and properties combined with simultaneous modelling of deformation processes



Phase calculations using thermo-kinetic modelling & simulations of deformation processes

