

Bainitic Transformation in Steels Studied by Synchrotron X-ray Diffraction

PhD student: Sen Lin

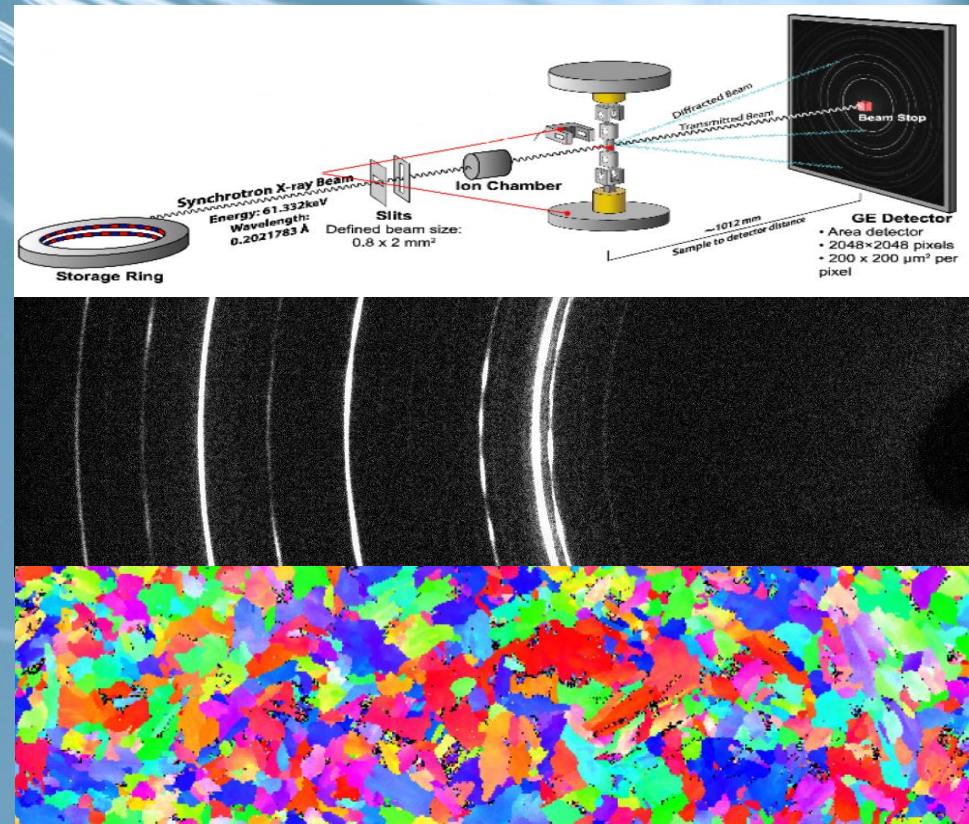
Duration: 4 years

Funding: CSC, Hero-m 2i

Advisor: Peter Hedström (KTH)
Annika Borgenstam (KTH)
Ulrich Lienert (DESY)

Research Scope:

- *In situ* SXRD
- Bainitic transformation kinetics
- Carbon partitioning
- Retained austenite stabilities
- Microstructural investigation
- Mechanical properties



LIGHTer



Materialvetenskap, KTH
Project partner: SSAB

senlin@kth.se, +46 722577234
www.mse.kth.se
www.hero-m.mse.kth.se