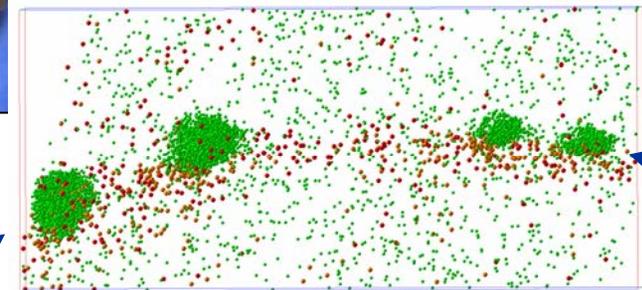
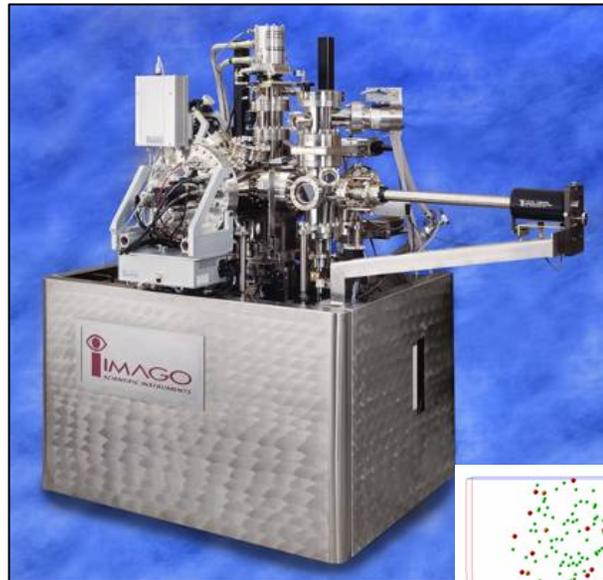


Imago Scientific Instruments

Local Electrode Atom Probe (LEAP[®])

Techniques/Capabilities:

- Atom Probe Tomography
- Local electrode variant
- Crossed delay line, single atom sensitive detector
- 200 kHz high voltage pulse generator
- Comprehensive suite for data analysis including IVAS, PoSAP and ORNL-developed software



Current Research Activities:

- Atomic level 3D microstructural characterization of solute distribution in a wide range of materials
- Characterization of neutron irradiated materials

P segregation and
Cu precipitation on a
dislocation in neutron
irradiated RPV steel
weld

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