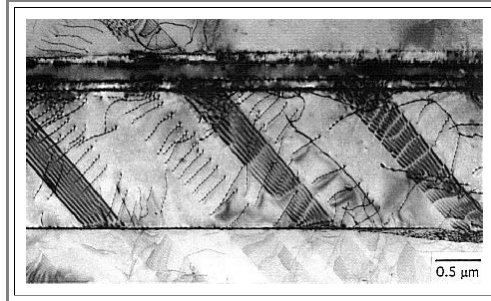


Dislocations in TiAl

Two more pictures from [D. Appel and his group](#) from the research center **GKSS** in Geesthacht.

- The first one shows a medium magnification bright field picture of **TiAl**, just showing a lot of boundaries, stacking faults and dislocations
- Not the parallel arrangement of some dislocations, which run right through the sample and move on the same glide plane, probably coming from some active source in the boundary.

Illustration



- The following pictures show a time sequence of the same part of the specimen after successive annealing treatments. The changes in the dislocation structure (some pointed out by arrows) are due to **climb processes**.

