

Invited talk at Argonne National Laboratory
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A NEW STRUCTURE FOR AN OLD MAGNET - WE HOPE*

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Abstract

A novel structure for FeCo can be formed in thin films grown on Cu(100) using laser MBE which is not stable in bulk form. The magnetic and structural properties of this new alloy are interesting and have been studied using the magneto-optic Kerr effect, electron diffraction, electron spectroscopy, and now synchrotron x-ray diffraction.

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