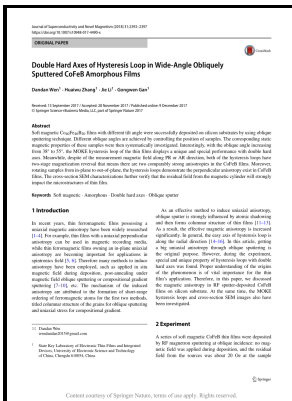


Investigation of magnetic and structural properties of amorphous magnetic thin films.

University of Salford - Magnetotransport and magnetic properties of amorphous NdNi 5 thin films



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Magnetotransport and magnetic properties of amorphous NdNi 5 thin films

As will be seen later, the capping layer is thinner than intended and seems not to prevent the oxidation of the underlying CoFeB. The large grain size found using TEM seems to promote diffusion due to the enlarged surface area.

The surface magnetism investigation of FeSiB amorphous thin films obtained by evaporation technique

The inset shows the curve over the full measured temperature range. Physica B 443, 80—83 2014.

Magnetic and structural properties of CoFeB thin films grown by pulsed laser deposition

As we will show in detail later on, noise spectroscopy measurements help to shed light on this important issue. The most evident fingerprint of Fig.

Influence of tantalum concentrations on the magnetic properties of amorphous CoFeTaB thin

These are some of the reasons why the study of this class of materials has recently encountered an increasing interest in spintronics and other research fields related to it.

Phys. Rev. Materials 4, 124404 (2020)

Magnetic properties Magnetization loops are measured at different temperatures on several samples of different thickness, as reported for example in Fig. Conclusions In summary, we have investigated the structural and magnetic properties of CoFeB thin films grown with PLD.

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