



SEMINAR

Wednesday, 25.9.2019 at 11:00

Kolar's lecture hall

Effect of deformation ratio on texture development in hot-deformed Nd-Fe-B magnets

Matic Korent, Jožef Stefan Institute

ABSTRACT

Hot-deformed Nd-Fe B magnets are of great interest because of their excellent texture along the easy magnetization axis and consequently their maximum energy product $(BH)_{\max}$. In the following seminar it will be shown how the height reduction during the deformation process depends on the remanence in the final magnet. Based on the microstructural investigations and magnetic properties measurements we discovered the very first stages of deformation process.

Kindly invited.