



# ***Magneto-Optics and Magneto-Transport Studies on Thin Films for Sensor Applications***

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## **Abstract**

Recent progress and interest have brought considerable effort to bear on the synthesis and opportunities of magnetic thin films in different fields. There are applications in many fields, including remote sensing, waveguide applications, hard drive applications, etc. At the College of William and Mary, we have focused on utilizing magnetic thin films in some of these applications and are deeply involved in the optimization process of the thin films.