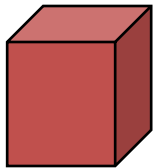


# Magnetic materials research group

## Growth

Co-precipitation  
Solid State Reaction  
Spin-Coating

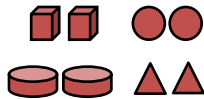


Bulk



Substrate

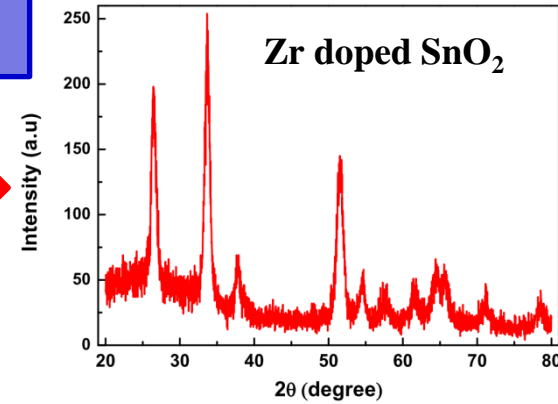
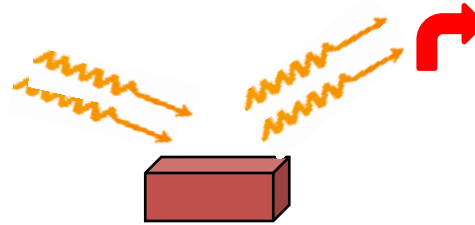
Thin film



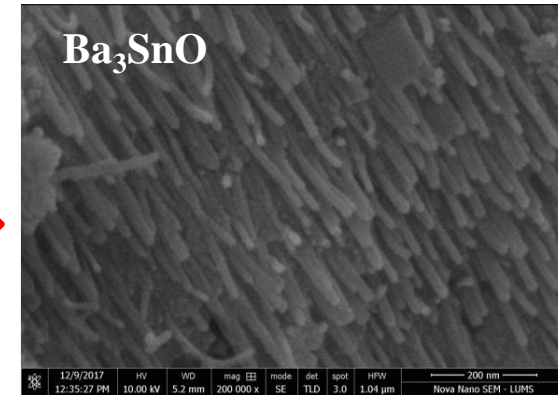
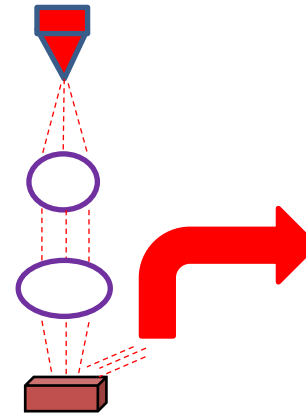
Nanoparticles

## Characterizations

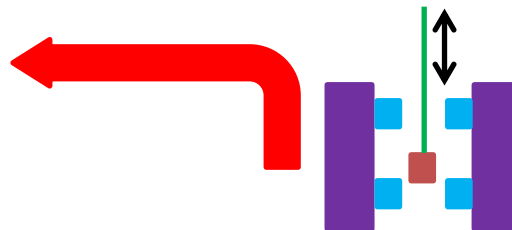
X-ray diffraction (XRD)



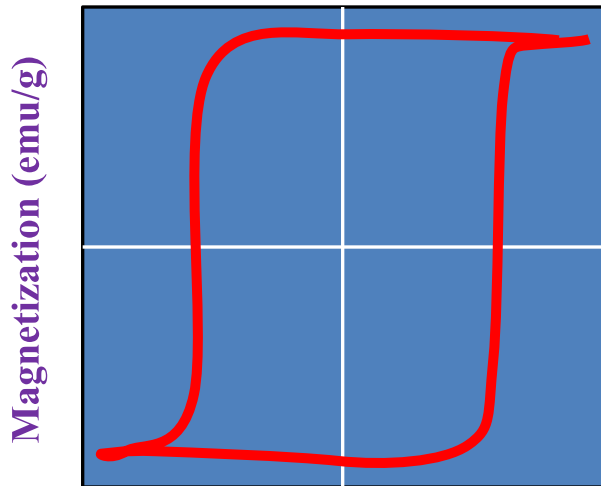
Scanning electron microscopy (SEM)



Vibrating sample magnetometer



Electrical and Optical Properties are also revealed to elucidate variety of novel device applications



Magnetic Field (Tesla)