



Nigel Shepherd

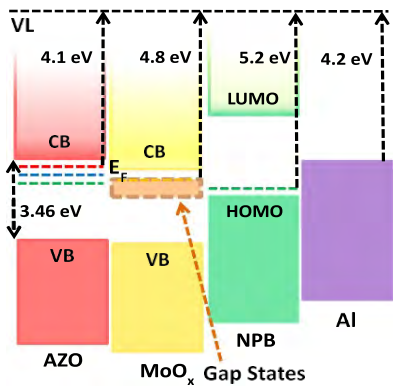
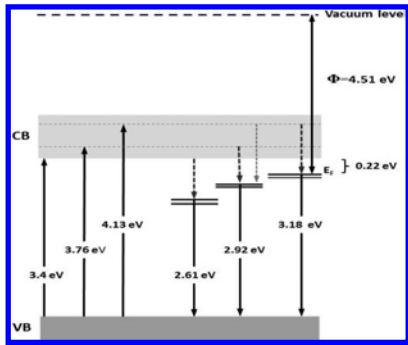
Chair, Department of Materials Science and Engineering

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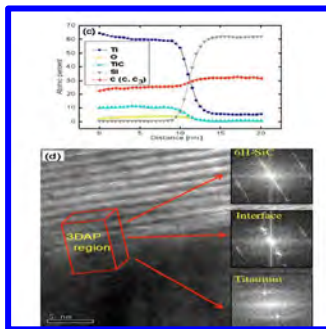
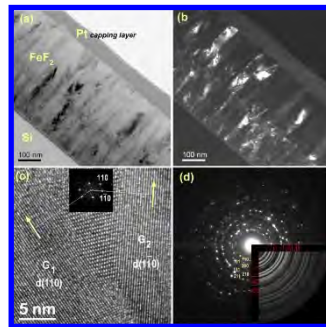
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Physical vapor deposition, semiconductors and dielectrics, surface and interface phenomena, carrier injection and transport, electronic and optoelectronic devices

Surface properties, electronic transport and band structure: Hall, PL, PLE, XPS, UPS, UV-Vis



Structural characterization of multilayer thin -films



Flexible inorganic and organic optoelectronic devices with integrated photonic crystals for sensors

