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Type: Poster Presentation

DRS, XRD and SEM studies of the effects of metal dopants (Pt, Au and Pd) on the structural and optical properties of TiO2.

Wednesday, 13 July 2011 17:00 (2 hours)

Titania is a cheap and nontoxic polymorphic material of current interest for a variety of technological applications like in gas sensing and photovoltaic cells. Generally, TiO2, with a band gap of 3.2 eV, can only be excited by a small UV fraction of solar light, which accounts for only 3-5

Level (Hons, MSc,
 PhD, other)?

MSc

Consider for a student
 award (Yes / No)?

No

Would you like to
 submit a short paper
 for the Conference
 Proceedings (Yes / No)?

Yes

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