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Type: **Oral Presentation**

## Tuning Carbon Nanotubes for Application in Photovoltaic Devices

*Wednesday, 13 July 2011 12:30 (15 minutes)*

Control of diameter, length and level of nitrogen doping in synthesis of nitrogen doped carbon nanotubes (N-CNTs) can be achieved by careful selection of catalyst, precursor mixture and chemical vapour deposition (CVD) synthesis temperature. Solutions of ethanol and acetonitrile (20

**Level (Hons, MSc, PhD, other)?**

PhD

**Consider for a student award (Yes / No)?**

Yes

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

Yes

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**Track Classification:** Track A - Condensed Matter Physics and Material Science