



Contribution ID: 457

Type: Oral Presentation

## From Ordinary to Extraordinary: Quantized Materials and Device Physics

Wednesday, 5 July 2017 16:10 (1 hour)

This general talk will present our latest research advances on 2D nanomaterials towards greater scientific understanding and advanced engineering applications. In particular the talk will highlight our work crossing many disciplinary domains including flexible devices/nanoelectronics, wearable sensors, coupled opto-electro-mechanics, topological semiconductors, and non-volatile ionic phenomena. Finally, recent transitional advances from the laboratory to commercialization of graphene and quantized materials will be featured.

**Apply to be considered for a student award (Yes / No)?**

No

**Level for award (Hons, MSc, PhD, N/A)?**

N/a

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

No

**Primary author:** Dr AKINWANDE, Deji (University of Texas – Austin)

**Presenter:** Dr AKINWANDE, Deji (University of Texas – Austin)

**Session Classification:** Plenary 3

**Track Classification:** Track H - Plenaries