



Dr. Vittal Babu Gudimetla

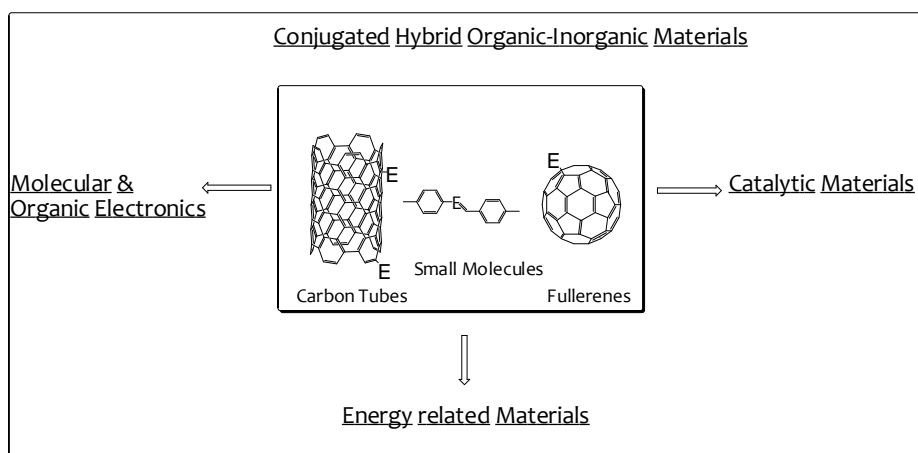
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Areas of interest



- New hybrid organic-inorganic conjugated systems for technological applications including molecular electronics and energy materials.
- Carbon nanomaterials and functionalization
- Main group and Organophosphorus chemistry Catalysis
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Selected Publications:

- *J. Phys. Chem. A.* **2012**
- *Eur. J. Inorg. Chem.* **2010**, 6, 854-865.
- *J. Am. Chem. Soc.* **2010**, 132(13), 4566-4567.
- *Inorg. Chem.* **2006**, 45, 4895-4901. (**Cover Page Article**)

Invention Disclosure

Title of invention: Synthesis and studies on bis-Benzooxaphospholes and benzobisazaphospholes as elements for polymers for opto-electronic applications
Inventors: John, D. Protasiewicz, **Vittal, B. Gudimetla**, Marlena, P. Washington. 2010, Case Western Reserve University, Cleveland, OH