

Materials, Chemistry and Processes for Opto-Electronics, Bio-Electronics and Energy Devices

Facchetti Lab @ GT

Our work focuses on stretchable polymer, semiconductor and hybrid nanostructures for applications in high performance, ultra flexible optoelectronics, bioelectronics and energy applications. We explore the performance structure-propertyrelationships in inorganic, organic and hybrid materials using novel synthesis and device processing techniques.

For a full list of research areas and publications, visit us on our website:





Email: afacchetti6@gatech.edu

Transparent/So	olution Proces
	Electronics
Goal: Advancing transparent electronics to create f transforming glass surfaces into electronic devices architectures, and circuit integration are driving this	unctional materials/devices for consumer ele enhance security systems and enable electric s field.
a. Metal Oxide Electronics Materials and Processing Transparent materials and devices Transparent materials and device	d. Next Cation and Anion Dopor B, Ga, Zn, F, S in semiconductors F, Hf, Al in F-doped In 20 Polymer Jope Polymer Type Charge transport Charge transp
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MAJOR COLLABORATORS	Prof. J. Medvedeva	Prof. S. Fabian
Prof. T. J. Marks	Prof. N. Stingelin	Prof. H. Husta
Prof. M. Kanatzidis	Prof. J. Rivnay	Prof. G. Demire
Prof M R Wasielewski	Dr. N. R. Glavin	Prof. M. van de
Prof M Hersam	Prof. X. Guo	Prof. M. Chen
Prof. G. Schatz	Prof. A. Marrocchi	Dr. D. DeLongo

Prof. C. Yu **Prof. R. Ponce Ortiz, R** Prof. M. Shiao er Boom Prof. S. S. Jang **Prof. J. Kacher** Prof. M. G. Kim









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