



Our group specializes in optical and electrical characterization and optimization of electronic and photonic materials and devices including uncooled photodetectors, photovoltaics and light-emitting diodes for the mid-infrared, and the development of infrared and terahertz (THz) sensors for environmental and medical applications. Our research encompasses optical and terahertz spectroscopy of biological macromolecules, thin film electronic materials and structures; the investigation of density of localized states and degradation phenomena in amorphous and polycrystalline silicon thin film transistors and photovoltaics.

# Globus Research Group

## Tatiana Globus

Research Associate Professor

tg9a@virginia.edu

<http://www.ece.virginia.edu/faculty/globus.html>

Dept. of Electrical & Computer Engineering  
University of Virginia  
Charlottesville, VA  
434.924.7709

*"Developing terahertz spectroscopy to be used for the study of bio-materials."*



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