## **Recent Progress on Ga2O3 Sensors and GaN Electronics**

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**Abstract:** In this presentation we will discuss our recent work on Ga2O3-based sensors and GaN radiation-tolerant circuits. In the first part of the presentation, we will discuss the design, demonstration, and characteristics of vertical Ga2O3-based Schottky and heterojunction diodes, and designs for future Ga2O3 sensors that could enable lower dark current and higher sensitivity. In the second part of the presentation we will discuss our efforts to develop a broadly accessible platform for GaN-based logic circuits based on enhancement-depletion mode transistor circuit designs.



