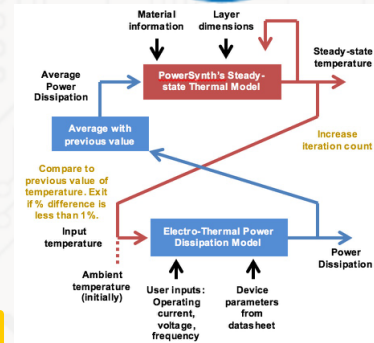# Thomas Vrotsos-University of Arkansas

- Compact semiconductor modeling
- Semiconductor device physics
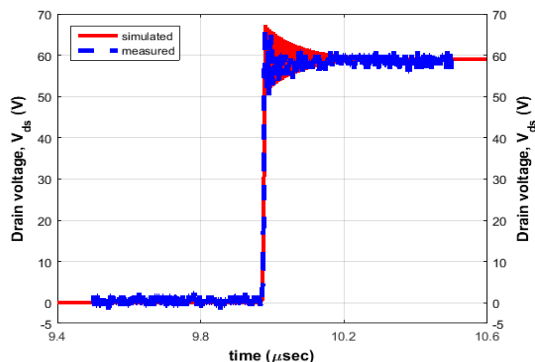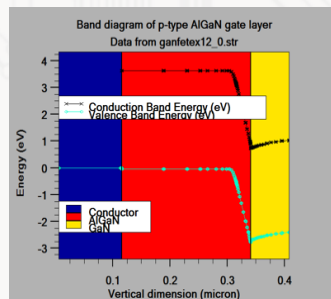- CAD tools for IC and power module design

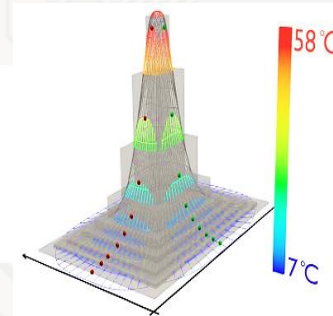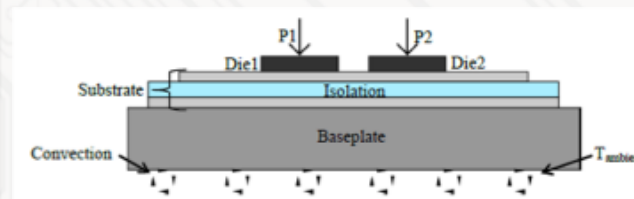CAD Tools

Intelligent Optimization Approach

Model Validation

Device Design

Multichip Module Optimization

Thermal and Electrical Analysis

CENTER FOR **POWER OPTIMIZATION OF ELECTRO-THERMAL SYSTEMS**