SIBORG SYSTEMS INC

MicroTec

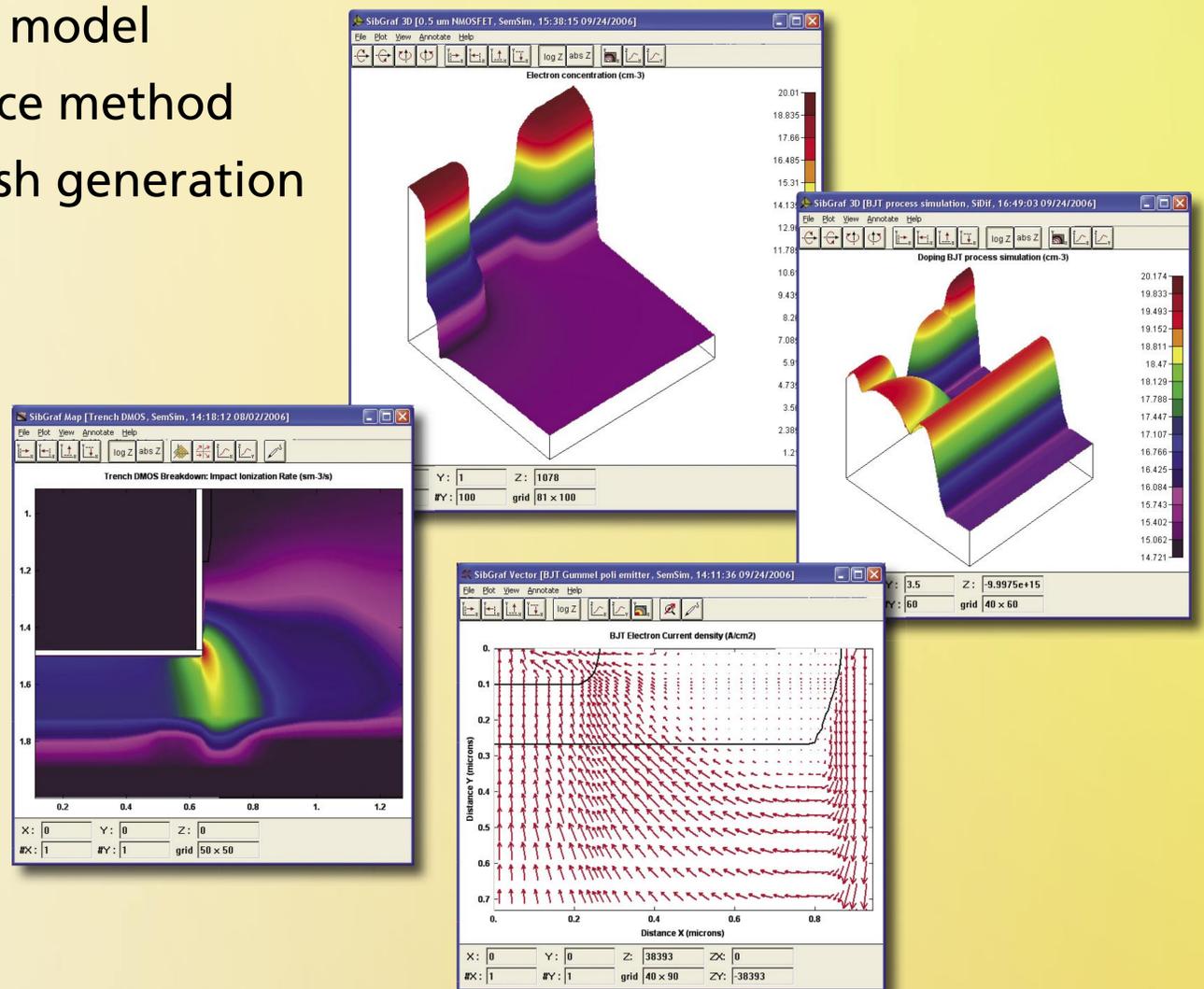## SEMICONDUCTOR PROCESS AND DEVICE SIMULATOR

Process Simulation:

- Implantation
- Diffusion
- Epitaxy
- Oxidation

MicroTec enables the power and sophistication of a 2D process and device simulator and the ease-of-use of a spread-sheet making it a perfect tool for process engineers.

Device Simulation:

- Diffusion-drift model
- Finite difference method
- Automatic mesh generation
- Simulation of:
  - MOSFET
  - SOI
  - HBT
  - TFT
  - DMOS
  - JFET
  - BJT
  - IGBT
  - Schottky
  - Photo-devices

Prof. Chenming Hu
University of California at Berkeley

" I used a version of MicroTec simulator to introduce the students in my graduate devices course to device simulation. The students used it in a homework assignment and some of them used it again for their term papers. It was a good experience for the students. I will do the same again. "