Biomass and Bioproducts Initiative

SENSORS AND INFORMATION TECHNOLOGY FOR BIOENERGY

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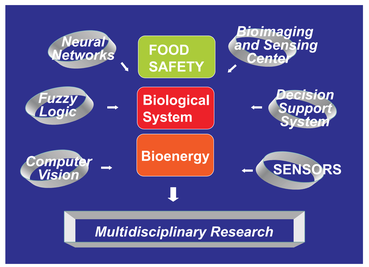
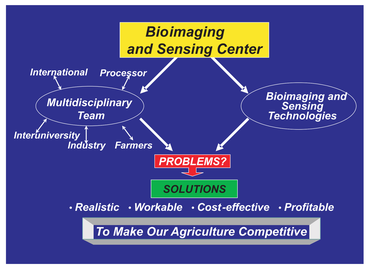
Bioimaging and Sensing Center

Redefining the boundaries of technology for biology and agriculture in the 21st century

A multidisciplinary environment where we extend our research to find workable solutions





Bioenergy Supply Chain

Biomass Production

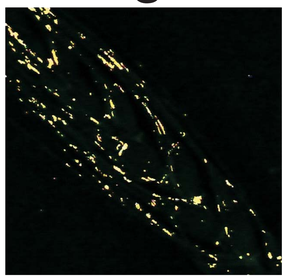
Bioenergy

Roles of Intelligent Sensors

- Feedstock quality evaluation system
- Energy crop production management
  - Disease management
  - Input management
- Energy production and management

Our Developed Technologies

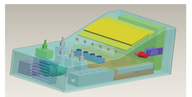
Disease Management

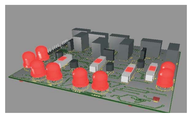


On-the-go Quality Sensors

Patented Technologies

Portable and Cost-Effective Technologies





BioOpportunities

NDSU
North Dakota State University