

2005 International Conference on Characterization & Metrology

The Security House

Welcome!



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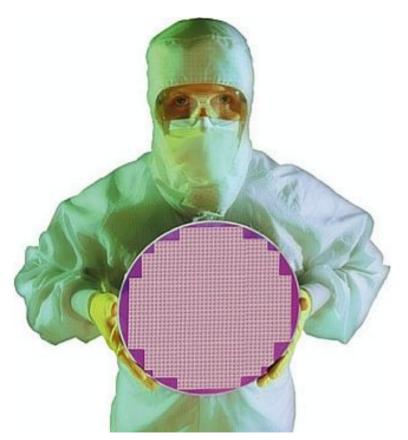


Largest Announced Project in 2003



ONLINE

From Site Selection magazine, May 2004



TI's Texas Two-Step

Chip-maker's second 300-millimeter wafer fab in three years helps Texas toast global competition for world's most coveted high-tech factory.

by RON STARNER



Program Highlights

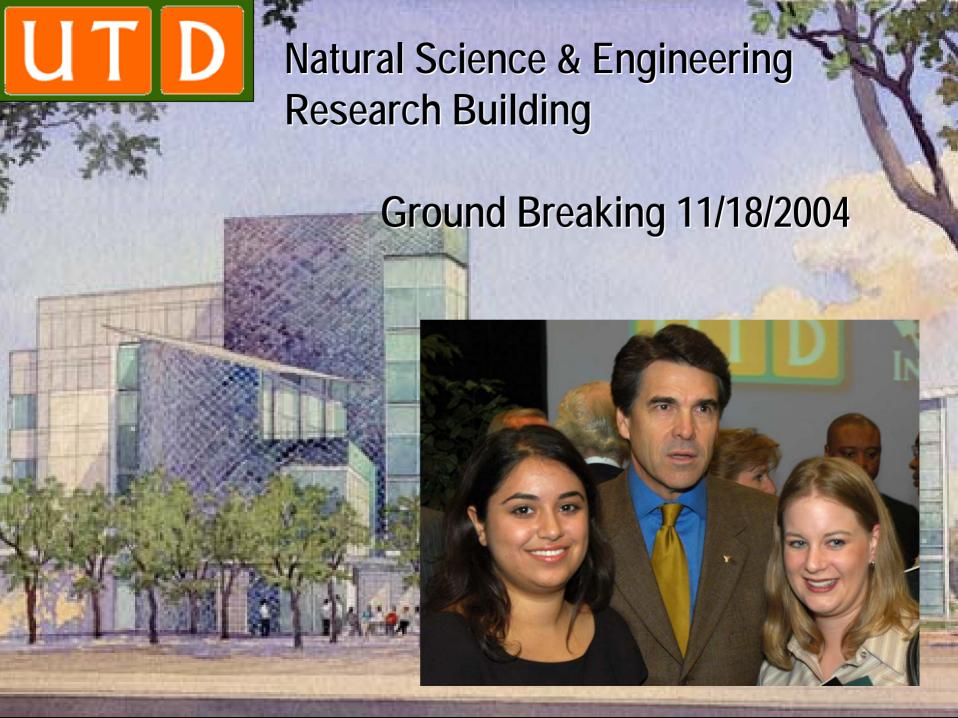




TI's Next Generation 300mm Fab



The Erik Jonsson School of Engineering and Computer Science



Additional Recent Benefits

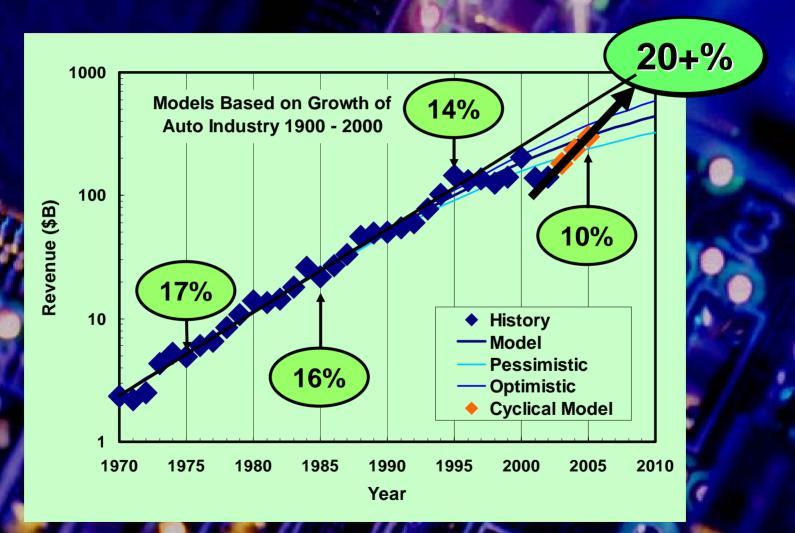
- Cisco Expanding in Richardson
 - Committed to "... growth in Richardson... New hires will come from the experienced labor pool as well as the 1st class University System in Texas."
- New Startups in the Area
- New Research Programs at UT Dallas
 - Information Assurance & Network Security
 - Machine Understanding and Translation of Human Language
 - Electronic Textiles
- Industry/UTD/Community College/K-12 Partnership Announced
 - Increase Collin/Dallas County Science and Engineering Interest and Enrollments
 - Continue to Drive Diversity



Introduction

Semiconductors as a Growth Industry?

Maturation of the Semiconductor Industry - Projections from a Historical Study of Industry Growth Trends





Updated Model – Future Predictions

Past Predictions Close, But Too Optimistic

•	Predicted	Actual
• 2002 – 2003	29%	18%
 2003 – 2004 	29%	31%

Revised (Cyclical/Growth) Model

•	2002 Model	2005 Model
• 2004 – 2005	-29%→	20%
• 2005 – 2006		0%

10% AVERAGE GROWTH Remainder of the Decade

Drives

- Additional Pressure on Margins
- Additional Focus on R&D and Manufacturing Cost & Cycletime