

**Technical Session  
Information and Power  
Point Presentation  
Guidelines**

**IEEE IAS Annual Meeting 2006**

# **This file contains:**

- **General session information (2 pages)**
- **Background and text color guidelines (2 pages)**
- **Font Guidelines (1 page)**
- **Guidelines for graphs and figures (1 page)**
- **A Sample presentation (5 pages)**
- **A sample “bad” figure (2 pages)**

# General Session Information

- **All presentations are scheduled for 30 minutes including questions**
  - Specific details can be arranged with your session chair before the conference or at the author's breakfast on the morning of your presentation
- **Computer projection equipment and a computer will be provided in every session room**
  - Always a good idea to bring your own laptop (as backup) whenever possible
  - Only Microsoft Power Point presentation software should be used—other formats are not likely to be supported

# General Session Information

- **It is your responsibility to**
  - **Coordinate the transfer of your presentation with your session chair for installation on the computer in the session room**
    - **A common approach is to bring the presentation to the conference on a CD or memory stick—consider bringing a backup copy as well**
  - **Verify that your presentation does not use fonts or other features that are not installed on the computer in the session room**

# Poor Color Choices

- This combination will be impossible to see - no contrast

- This combination can't be read by people who are color blind

- This combination has good contrast but this dark back-ground will blacken the room too much and if your font is too thin, it won't be visible

# Fonts

- Use ARIAL “Bold”
- Some fonts project poorly because line width is too thin
  - Times
  - Bookman
  - Americana
- Use as large a font as possible

–Titles: 48-54

– Main text titles: 32

– Smallest text lines: 24

– Anything below 24 is too small

# Graphs and Figures

- **Don't make graphs complicated**
- **The audience can't read a graph with too much information**
- **The audience can't read a graph with lots of thin lines**
- **The audience can't read a graph with dotted, dashed, or other specialty lines unless they are very bold and thick.**

# Sample Presentation

- **Title Slide**
  - May contain logo
- **Text Slides**
  - Do not contain commercial or corporate logos
- **Schematic Slide**



# **A 2.5V, 333MHz Embedded Memory with Differential I/O**

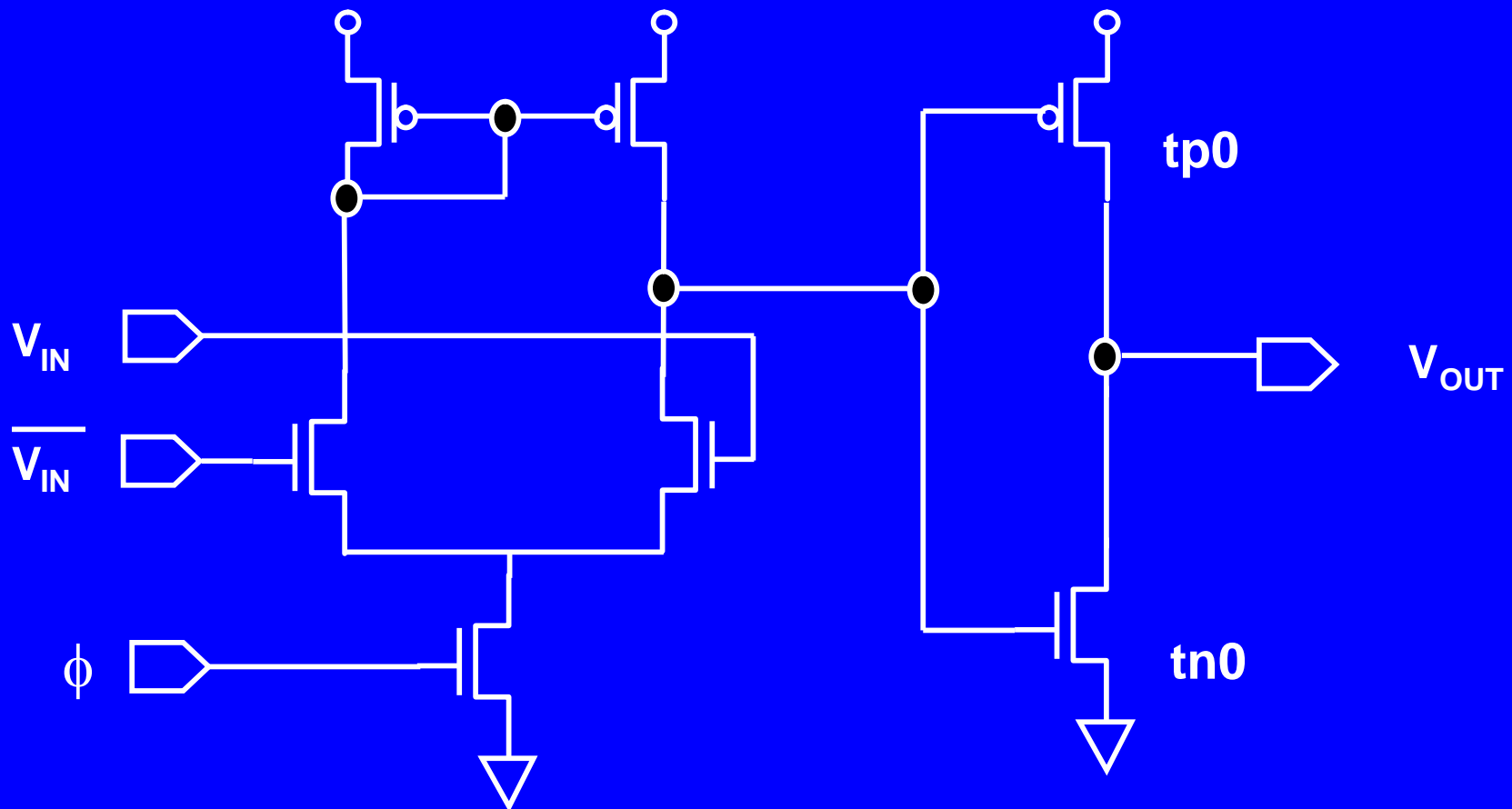
**Joel Stevenson, John Johnson,  
Skip Douglas and Jack Taylor**  
*High Performance Design Center  
Dallas, Texas*

***Your Logo Here***

# Outline of Presentation

- **Motivation for Work**
- **Overview and Design Requirements**
- **Differential I/O Circuits**
- **Special Purpose Circuits**
- **READ/WRITE Mechanism**
- **Measured Results**
- **Conclusion**

# Differential I/O Circuits



•Text and drawing are visible to everyone

# Conclusion

- **Novel differential I/O technique reduces output driver latency 25%**
- **New charge-sharing sense-amplifier improves access times**
- **READ/WRITE circuit techniques allow further speed improvements**
- **Measured access times at 85°C were demonstrated above 100MHz**
- **Embedded custom array design achieves 10ns cycle at less than 5W in 44.5mm<sup>2</sup> area**

# **“Bad” Figure Example on next page**

- **Too busy**
- **Too many lines**
- **Fonts too small**

# This Figure is way too busy

