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CONTACT INFORMATION

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ACADEMIC APPOINTMENTS

- Professor, Electrical Engineering
- Professor, Computer Science
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute

PROGRAM AFFILIATIONS

- Stanford SystemX Alliance

Publications

PUBLICATIONS

- **Rethinking Error Injection for Effective Resilience**

Mirkhani, S., Cho, H., Mitra, S., Abraham, J.

2014

- **Sensor-to-Digital Interface Built Entirely with Carbon Nanotube FETs** *IEEE Journal on Solid-State Circuits, Special Issue on IEEE Intl. Solid-State Circuits Conf.*

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2014

- **QED Post-Silicon Validation and Debug: Frequently Asked Questions**

Lin, D., Mitra, S.

2014

- **System-Level Benchmarking with Yield-Enhanced Standard Cell Library for Carbon Nanotube VLSI Circuits** *ACM Journal on Emerging Technologies in Computing Systems*

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- **Carbon Nanotube Computer** *Nature (Cover Feature)*
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- **Rapid Exploration of Processing and Design Guidelines to Overcome Carbon Nanotube Variations**
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- **Sascha: The Stanford Carbon Nanotube Controlled Handshaking Robot**
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- **Underdesigned and Opportunistic Computing Keynote paper, IEEE Trans. CAD**
Gupta, P., Srivastava, M., Agarwal, Y., Swanson, S., Sylvester, D., Kumar, R., Mitra, S.
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- **Effective Post-Silicon Validation**
Mitra, S.
2013
- **Quantitative Evaluation of Soft Error Injection Techniques for Robust System Design**
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