

Suggested subjects for the reading and presentation assignments:

1. Delay faults, modeling, test pattern generation and test methods and the challenges
2. Test pattern generation based on satisfiability measures
3. Test power reduction techniques
4. Noise aware test pattern generation
5. Process variations and their effect on test
6. Overview of failure analysis techniques
7. Overview of defect based testing techniques

Presentations:

Thursday, May 10<sup>th</sup> and Tuesday May 15<sup>th</sup>

You will have 25 minutes for presentation. Prepare a report and submit along with your presentation.