
Latent Damage and Reliability in Semiconductor Devices**Advisor:** Dr. Randall Geiger**Client:** Dr. Randall Geiger, EcpE**Members (roles):**

Sean Santella (Leader)

Jaehyuk Han (Webmaster)

Hayle Olson (Communication Leader)

David Ackerman (Key Concept Holder)

Weekly Summary:

This week we had our third meeting with our team and Advisor. We discussed how the research we are finding will differ from our own. Dr. Geiger gave us a tour of the VLSI lab that we will be using to conduct our research.

Meeting Notes:Advisor/Client Meeting (Sept. 16th at 9AM)*Duration:* 1 Hour*Members Present:* Dr. Geiger, Sean Santella, Jaehyuk Han, Hayle Olson, David Ackerman*Notes:* This meeting was held with Dr. Geiger to discuss our findings from our research the previous week. We had a discussion on how the research we are finding will be different from the experiment we will be performing during our research. During this meeting Dr. Geiger showed us the VLSI lab we will be using and gave us a tour.**Weekly Accomplishments:**

We submitted requests for access to the VLSI lab. We researched articles and papers specifically from the EOS/ESD Symposium (as Dr. Geiger had suggested).

Plans for Next Week:

- Start weekly team meeting on Wednesday's at 5PM
- Continue research
 - Latent damage within CMOS devices
 - Testing for latent damage
- Start developing our website
- Start developing a project plan
 - Work on a timeline

Pending Issues:

We currently do not have any pending issues.

Individual Contributions:

Sean Santella: Attended lecture and weekly advisor/client meeting, researched related articles and papers.

Jaehyuk Han: Attended lecture and weekly advisor/client meeting, researched related articles and papers.

Hayle Olson: Attended lecture and weekly advisor/client meeting, wrote weekly report, and researched related articles and papers.

David Ackerman: Attended lecture and weekly advisor/client meeting, researched related articles and papers.

Hourly Contributions:

<u>Member:</u>	<u>Weekly Hours:</u>	<u>Total Hours:</u>
Sean Santella	2.5	7.0
Jaehyuk Han	2.5	7.0
Hayle Olson	3.0	8.0
David Ackerman	2.5	7.0