



Common Ground

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President's Message

by Kris Meacham

Let me start by thanking Kevin Leonard for the wonderful job he did as President in 2011. Kevin has always responded to the needs of the chapter and for that we are very grateful!

I am honored to once again to hold the position of ESD North Central Chapter President. We have the best chapter in the country because of all the great volunteers and members that keep this chapter so strong. Thank you to everyone.

We started our quarterly meetings in March with our annual dinner meeting at the Crowne Plaza Hotel in Bloomington. Our speaker was Carl Newberg of MicroStat Laboratories. Carl's presentation "Implementing ESD Factory Controls to Meet Evolving ESD Component Targets" was very informative. Great job Carl!

May 16th and 17th our chapter will be hosting a regional tutorial at the Crowne Plaza Hotel in Bloomington. Programs offered will be ESD Basics for the Program Manager (16th) and The How To's of In-Plant ESD Auditing and Evaluation Measurements (May 17th). Both programs will be taught by Steve Halperin of Steve Halperin and Associates.

The June meeting will be hosted by Honeywell SSEC. September will be held at the 3M Technology Center. The topic will be "Test Your ESD Knowledge".

December is also open at this time. If anyone would like to host a meeting please contact me or of the board members. We will send out announcements as locations are confirmed.

Thanks again for everyone's support of the ESD North Central Chapter. I look forward to seeing everyone at our next meeting!

Secretary's Report

by Chester Stuckmayer

The Annual Dinner Meeting was held at the Crown Plaza Hotel in Bloomington, Minnesota on March 27th, 2012.

Meeting Overview:

4:30PM – Check in and socializing

5:00PM – Business Meeting

5:30PM – Dinner

6:15PM – Technical Presentation

Meeting Minutes:

5:08PM – Business Meeting Starts, President Kris Meacham opens by greeting the group.

Secretary's Report – 5:09PM – Secretary Report failed by new secretary, Chester Stuckmayer.

Treasurer's Report – 5:10PM – Treasurer, Todd Ness reports that the chapter is in good standings, and noted the debits and credits.

Membership Chair's Report – 5:10PM – Bernie Reiland reviewed current and past membership. There are currently 31 members; 26 were paid for by credit. The chapter had 11 members added tonight by credit. It was noted that the credit deadline is approaching quickly. New members were introduced to the group at 5:12 PM.

National Delegate Report – 5:13PM – Dale Parkin gave the National/International report. The upcoming event schedule for 2012 was presented to the group:

1. May 14th – 17th International Electrostatic Discharge Workshop, Corsendonk Priory Hotel, Oud-Turnhout, Belgium.
2. September 9th – 14th EOS/ESD Symposium and Tutorials, Westin La Paloma, Tucson, AZ; registration information is available at www.ESDA.org.

Program Chair Report – 5:16PM – Craig Zander went over upcoming courses. The May 16th tutorial will be *ESD Basics for the Program Manager*, and the May 17th tutorial will be *The How To's of In-Plant ESD Auditing and Evaluation*; both will be held at the Crown Plaza Hotel and taught by Steve Halperin. The June 2012 meeting and topic are open. An overview of the criteria for a meeting place is given.

Website Editor's Report – 5:21PM – Kevin Duncan reminded members to check the website updates, announcements, links and local chapter minutes.

New Business – 5:22PM – Kevin Duncan mentioned that members can partake in industry review of ESDA Documents and ESDA Standards during the review period. A new page will be added to the chapter's website for industry review information (as an action item for Kevin Duncan).

Conclusion of Business Meeting – 5:30PM – Kris Meacham motions to adjourn and Steve seconds the motion.

Dinner – 5:35PM – Dinner is served

Technical Presentation – 6:25PM – Kris Meacham introduces presenter Carl Newberg of Microstat laboratories and his presentation of *Implementing ESD Factory Controls to Meet Evolving ESD Compact Targets*. The presentation discussed a brief history of ESD sensitivities and ESD control methods of the Magneto-Resistive (MR) Head technology used by hard disk drive manufacturers. The presentation used the MR Head industry's history to illustrate what is being

seen, and what will be seen in the semiconductor industry.

Carl Newberg's Bio

Carl Newberg is the President of MicroStat Laboratories/River's Edge Technical Service. He also works for Magnecomp Precision Technology as a senior scientist, as well as a director of S20.20 manufacturing programs for Dangelmayer Associates. Carl received a B.S degree in metallurgical engineering, a M.S. degree in materials science, and has a professional engineer's license (Met. Eng.). He is also an iNARTE certified ESD engineer and an ESDA certified ESD program manager. Carl was the general chair for the 2005 ESD Symposium and was a board member of the ESDA from 2005 to 2011. Carl has also held the position as the standards committee chairman. He co-teaches the 2-day ESD Program Development & Assessment (ANSI/ESD S20.20 Seminar) and "How To's of In Plant ESD Survey and Evaluation Measurements" tutorials and a tutorial on electrostatic attraction for the ESD Association.

Recognition of Service – 7:44PM – Current president Kris Meacham thanks previous president Kevin Leonard and presents him with a \$100 gift card.

Meeting Adjourned – 7:45PM