

# Rocky Mountain Chapter EMC Society

## First Meeting

**Date:** Tuesday, February 16, 1999, 12:00 noon – 5:00pm (note time).

**Location:** NIST, Boulder, Rooms 1103/1105.

**Guest Speaker:** Doug Smith, EMC Manager of Auspex Systems, Inc. ([Biography](#))

Our Technical Program on February 16, Doug Smith lead off with a tutorial presentation on scope probes. The title of the presentation was **An Overview of Signal Probing Technique (& Build your own 1GHz scope probe!!)**. The talk consisted of one hour of background signal integrity measurement using scope probes. Some of the pitfalls and limitations of probing were covered as well as solutions to common measurement problems. After the talk, materials were made available for everyone to build their own 1 GHz passive 20X probe.

Some pictures of the event:

Here is a picture of Doug wrapping up his initial presentation on signal probing errors. On the screen you should see what the finished probe should look like. Almost a full house.



Some of the attendees hard at work:



Pictured above are Mark Moyer and Scott Gurst of Exabyte Corporation. For the record th team produced the best performing probe with a frequency response of better than 1dB fro DC - 1GHz !!

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## IEEE EMC Society Membership

The Rocky Mountain Chapter is open to members and affiliates of the IEEE EMC Society. you are not a member of the EMC Society, we encourage you to join. The free probe at th February meeting is just one of many benefits for Society members this year. We will hav applications available at the meeting, or you can apply on-line at <http://www.ieee.org>.

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