

STEM Society Meeting, February 9, 2010

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02/10/2010

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1 Meeting Location and Time

The February meeting of the STEM Society took place on the second Tuesday of the month, February 9, 2010, at the Trailside Center at 99th and Holmes in Kansas City Missouri. The starting time was 6PM. The topic was Static Electricity and Static Electricity Machines. These include the Wimshurst Machine, the Tesla coil, and the Van de Graaff generator. We may discuss the lives of the European immigrants who founded the electrical industry in America, namely Tesla, Steinmetz, and Puppin. I remember meeting a guy at the General Electric Research Laboratory in Schenectady, who had worked directly with one of Steinmetz's assistants at General electric. Charley, maybe you remember this guy's name? We visited him in connection with piezoelectricity, as I remember, or perhaps Finite Element Analysis of electrical problems. People are always interested in Tesla. The Stem Society WEB link is:

<http://stem2.org/>

2 About the STEM Society and the STEM Society Website

STEM is an abbreviation for Science, Technology, Engineering and Mathematics. There are about 60 people on the mailing list, although usually a much smaller group attends any one meeting. We meet on the second Tuesday of each month at the Trailside Center at 99th and Holmes in Kansas City Missouri. The meetings are open to all. We make presentations, have discussions, and sometimes have scientific demonstrations. The topics range from General Relativity to scientific experiments for kids.

The set of meeting notes may be viewed by going down the list of notes appearing on the front page of the site. These notes contains links to documents, which may be viewed or downloaded by clicking the link. Other documents can be reached by clicking the heading "Documents and Downloads" that appears on the left side of the front page. Then click on "documents." The meeting notes may also be viewed in an archive file in the list of documents. Most of the documents are PDF files. They may be viewed or downloaded to the computer by clicking, provided Adobe Reader is present, or another program capable of reading PDF files. There are often more documents available at the site than are listed under "Documents" because they may not have been added to the documents.htm file yet. The web site is at

<http://stem2.org/>

To go directly to the "Documents" list:

<http://stem2.org/je/documents.htm>

3 Meeting Notes

Meeting subject: Static Electricity

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4 Static Electricity

<http://stem2.org/je/staticelectricity.pdf>