

E. E. STUDENTS GUESTS TO A HOST OF FRIENDS

(Continued from Page 1)

here to discuss each at length, but we will confine ourselves to the most important.

In the laboratory Drake operated a 200,000 volt transformer showing the effects of high voltage and corona discharge phenomena.

Music from the air mystified all who listened through the receivers of the wireless telephone which was fitted up for demonstration by Blumberg and Leidolf.

Another attraction in the laboratory was a process of welding two pieces of steel under water. This feat was accomplished in a bucket filled with a soda solution that acted as a conductor and flux. Schaffer made this demonstration.

Cook used two cynronizing discs to show how metal discs can be made use of for connecting two electrical generators.

The Tesla Coil was probably the greatest laugh producer of the evening as the veins of electricity, powerful to the point of 200,000 volts coming from it, passed from person to person who were daring enough to approach close enough. Granau was responsible for the operation of this exhibit.

One large room was used for exhibits of electrical appliances which were supplied for the occasion by the General Electric Co., the Westinghouse Electric Co. and Haswell of Bryan. These included everything for the home from a sewing machine to a hair curler.

Denny operated the "phantom circuits," an apparatus whereby six people talked over four lines at the same time.

Telephone circuits including the switch board and all other equipment used by an army in field work, was explained and demonstrated under the direction of Mr. Allen.

Drummet showed how to measure human resistance to an electric current by use of the Megger testing set.

Sample and Davidson were in charge of an exhibit of Signal Corps apparatus, including the buzzer, wireless telephone, wireless station, T. P. S. flags, etc.

The "wonderful lamp" was fitted up and shown by Cook. Although a fake, it probably caused more wonderment than any other set of instruments. Many believed that he was sending electricity through the air into an incandescent lamp several feet away and producing light. The puzzle was—they never found the little wires.

Horger superintended a demonstration of the effects of shades and shadows, under different colored lights upon a bust of Longfellow enclosed in a large case.

Leidolf and Cook worked a kind of magic whereby they had a number of discs revolving first one way and then the opposite on a table seemingly untouched with wires—but they were there.

All tried to ring a three-quarter inch pin protruding from a table top with a twelve inch ring. It looked easy but no one could do it. However, Miller, who was manipulating the magic magnetism, could.

Murphree, Thomas and Cook, worked the oscillograph, demonstrating the various kinds of electrical waves.

The "barley-corn-bottle" shared the mysticism that concealed the working of the "wonderful lamp."

There would be no use to go to Cuba if one had a bottle like that. The red liquid flowed from the upturned bottle in a constant stream yet it never emptied. Those who did not understand failed to guess that in the center of the red stream was a glass tube taking back what flowed out. Matthes, who was in charge, placed his finger in the stream alight to show that there was a constant flow, but he knew where to let his finger stop. If someone had only put their mouth to the flow the mystery would soon have been solved.

Harding played the strong light of a moving picture machine to show up the radiance of the jewels that actually came from the Tower of Jewels at the World's Exposition.

A small room fitted up as many rooms are decorated took on an interesting significance because of a play of varied lights within, which were controlled by Peters.

Of course the process was not very well explained but most everyone guessed that the "diving ducks" were attracted by magnetic influences below the water. However, it may have been only fish. Robinson, Merchant and Legg failed to commit themselves on the subject, as they continued to direct the process.

Scudder operated an electric motor with only one push button.

Cook and Leidolf had fitted up a kind of wonder box, so that when you looked in a flash of light showed a vase of flowers and as you kept gazing in the same spot another light flashed and only a cup of water was there. It was not removed, you were sure, but as to what happened you were not sure. It was a mirror. That is all.

Thomas and Murphree made the matches dance on just an ordinary piece of card board—several of them, maybe a dozen just rose up and standing erect, danced merrily. Some examined the wooden stems and found a load of metal and then guessed the effect of magnetism from underneath, but others went away satisfied that there were other kinds of matches than those used by them for ignition purposes.

A complete Delco set for lighting farm houses was shown and demonstrated by Harding and Carr.

The color effect of light was graphically illustrated by a play of different colored lights upon a picture of the Grand Canyon placed in a case with an opening which permitted a good view. Bernheim made this demonstration.

Mystic music was heard in one room. Cox had a couple of innocent, common looking barrel hoops connected to receivers and said they produced music, but after the show offered the information that those hoops were wired, and underneath the carpet were others which were connected with a phonograph.

Ice cream and cake was served to all.

The Dance

At nine o'clock dancing in Sbis Hall Annex began. A large crowd was present and a great good time was enjoyed by all.

From a Girl's Diary.

Monday—Virgil tried to hug me.
Tuesday—Tried again.
Wednesday—Ditto.
Thursday—Said if I didn't let him next time we went riding he would turn the car over and kill us all.
Friday—I saved seven lives today.
—Exchange.

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