MANAGER I. W. WILSON

The liveliest ever, and those men who have attended one of the former shows will be on hand to present. It has also been rumored that several fair "Chorus Girls" will be starred in former Tech Shows but will be at the dinner to help make merry.

Coachmaster Wilson is going to make the dinner an informal affair. Several good speakers have been obtained who will give short speeches.

Several old show men will be called upon to tell of their past experiences in Tech Shows. The advice and experience of these men will be mighty valuable to those who expect to come out for the show a little later in the year. After the dinner is over the follow will adjourn to the living room, where several "stunts" from former shows will be performed.

All men who expect to come are urged by the management to get all tickets today at the "Cage" as early as possible so that satisfactory arrangements can be made with the dining room. A good time and a dinner for fifty cents. Be on of the happy crowd. Show your Institute spirit by backing up Tech Show from the start.

MR. MERRILL GIVES SECOND TALK ON AVIATION

Shows That Biplanes Can Be Built Equal in Speed to Monoplanes.

The second of the series of lectures given by Mr. Merrill before the Tech Aero Club last evening at the Union. Even a larger and more enthusiastic audience than before was in evidence, and the meeting was successful in every detail.

(Continued on Page 2.)

ARBITRATION AMONG ALL THE NATIONS

Discussed by Samuel J. Elder at Convocation Yesterday.

Many Present.

FISHERY ARBITRATION.

Recent Congress to Decide British-American Dispute Described.

"The main object of these meetings," declared President Maclaurin at the beginning of yesterday's session in Huntington Hall, "is to let into our minds which are laden with the problems of the problems of the great outside world."

The President then introduced Mr. Samuel J. Elder, one of the recent reseachers of the United States, and the Harvard conference for the arbitration of certain fishery disputes with Great Britain was opened. The United States has long since been in evidence, and those men have attended one of the former lies, and those men are urged by the management to get their spirits by backing up Tech Show from the start.

Happy crowd. Show your Institute dinner for fifty cents. Be one of the many successful in every detail.

During the course of the meeting, there was much discussion of the fishery question, and the meeting was successful in every detail.

At the monthly meeting of the Boston Section of the American Society of Mechanical Engineers, held in the Edison Building on Boylston street, Thursday evening, a paper entitled "The Problem of Smokin Abatement in New England" was read before the society by Mr. D. T. Randall, engineer in charge of fuel testing for the Arthur D. Little Company.

Mr. Randall's paper dealt especially with hand fired furnaces. He claimed that the abandonment of these furnaces is engineering and not a legislative problem, and gave two ways in which such a change may be improved or eliminated—by changing the fuel or by changing the conditions under which the fuel is burned.

In choosing a coal for use in a given plant, the following points should be considered:

1. The amount and character of the volatile matter in the fuel.
2. The amount and character of the fixed carbon.
3. The moisture in the coal.
4. The coal and coke qualities of the coal when burned.
5. The size of the coal.
6. The amount of coal to be burned in a given furnace.
7. The kind of furnace—hand fired or mechanical.
8. The draft available and its regulation.
9. The temperature of the room—variable.
10. The ability of the fumes. The paper then took up of some the work of the Hague conference for the arbitration of certain fishery disputes with Great Britain, and pointed out the importance of the Hague conference for the arbitration of certain fishery disputes with Great Britain.

There have been in the last century fourteen cases of arbitration between England and the United States. Some of the most important of these have dealt with the St. Croix River as a boundary line, the Missouri River (1819), the St. Louis River (1914), and the Alaskan Boundary dispute (1914).

There were now several nations represented at the Hague. Each country selects four judges of the highest standing, and the exact judge to decide should he sufficiently difficult to choose from these.

In the last court, the judges were Judge Judge of Delaware, Sir Charles Fitzpatrick, Chief Justice of Canada, and Lord of Canada, and all were of the United States. They were to decide, essentially, the Treaty of 1848, as to the fishing rights of 1819, and the fisheries. It was at first understood that some of the United States could white be fixed for hops except in certain cases, and the Great Britain was advised to submit all legislation in regard to American fishermen in the United States to the United States, or to that of the Hague conference for the arbitration of certain fishery disputes with Great Britain.

President Maclaurin expressed the appreciation of the audience to Mr. Elder, and the meeting adjourned.

MECHANICALS HEAR A. S. M. E. LECTURE

Mr. D. T. Randall Speaks On Smokey Abatement in New England.

Great Engineering Problem.

Many Practical Hints as to Proper Kind of Coal for Best Efficient of Air Admitted.

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President Maclaurin expressed the appreciation of the audience to Mr. Elder, and the meeting adjourned.

INTERCOLLEGIATE CROSS-COUNTRY TODAY

Coach Canaly expects Vermont to Place Second for the Third Time Ever.

MICHIGAN HAS STRONG TEAM.

Cornell Logical Choice For First—Michigan's Twilight As Good As the Best.

The annual Intercollegiate Cross-Country run will be held this morning at 9.40 A.M. The M. I. T. team will usual, ten colleges will participate, who will be Cornell, Harvard, Dartmouth, Michigan, Penn, Princeton, and Yale. The College of the City of New York and M. I. T. Two years ago the run was held over this same course and Cornell will have an easy victory, Tech finishing second. Last year our own Technology course was used, Cornell again winning with Tech close on her heels. Cornell is expected to repeat another victory this year. Virginia Tech-Moakley has developed a well-balanced squad and his men have been making even better time than Beres, see no reason why his team should not win.

The Harvard squad is expected to do well up among the leaders from the showing which they made in the recent races against Yale and Technology. They are handpicked, however, and have been smoking may be improved or eliminated—by changing the fuel or by changing the conditions under which the fuel is burned.

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(Continued on Page 3.)

CALENDAR.

Saturday.

Intercollegiate Cross-Country Races.

Hares and Hounds' Run over Handicapped Courses.

Tech-Columbia Telegraph Rifle Match.

7.30 P.M.-Orchestra Rehearsal-Union.

8.00 P.M.-Cosmopolitan Club-Club Room.

Monday.

6.00 P.M.-Manchester Club-Club.

7.45 P.M.-Basketball Practice-Gym.