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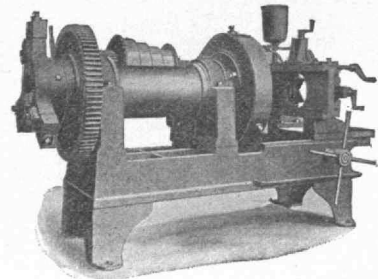
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A GREAT REUNION PROMISED

Program of events shows something doing every minute—Celebration will be memorable in many ways—Four thousand former students expected

The great Dedication Reunion is upon us and almost imperceptibly the plans have grown from day to day until the program is almost continuous from Monday morning until Wednesday night.

One new feature of the program is the laying of the corner stone of the Walker Memorial building at two o'clock Monday, June 12. It is a matter of great satisfaction that we can perform this ceremony on such a momentous occasion. Sometimes it looked as though the building could not be begun for some little time, but it is now the expectation that part of it at least can be used some time in the fall for the accommodation of the students. Professor Harry W. Tyler, '84, chairman of the Walker Memorial Committee, will be marshal. A battalion of the M. I. T. cadets, accompanied by a large body of undergraduates, will escort the speakers and the alumni from in front of the new buildings to the site of the Walker Memorial a few hundred feet northeast on the Esplanade. Here Dr. Maclaurin will make the opening address followed by Professor C.-E. A. Winslow, '98, of Yale University, who will make the presentation speech. He will be followed by E. P. Brooks, president of the Junior class, in response. The exercises will not be long and will be over before the beginning of the Basin events which will start at 2.30.

The program of the events in the Charles River Basin, which will be reviewed by the Assistant Secretary of the

Navy, the Honorable Franklin D. Roosevelt, is as follows:

2.30 p.m. Volunteer Patrol Squadron at speed. 2.45 p.m. Sea sled and fast motor boats in action. 3.00 p.m. Burgess-Dunne Hydro-aeroplane flight. Flight by Farnum Fish. 3.30 p.m. Evolutions by Power Squadron of the Boston Yacht Club. 4.00 p.m. Start of Yacht Race. 4.15 p.m. Start of race of M. I. T. Class Crews. 4.30 p.m. Lower Basin. Start of race of Sailing Canoes. Upper Basin. Start of Race of War Canoes. 5.00 p.m. Flight by Farnum Fish in a Wright Biplane. Upper Basin. Start of race of Canoe Fours. 5.20 p.m. Start of race of Canoe Tandems. 5.40 p.m. Start of race of Canoe Singles. Two torpedo boats and one submarine in Basin.

Over the basin will float a great military kite balloon of the very latest pattern furnished through the courtesy of the Goodyear Tire & Rubber Company of Akron, Ohio, of which Paul W. Litchfield, '96, is manager. Arrangements are being made for taking moving pictures from the car of this balloon.

Another very attractive feature will be the exhibition of man-carrying aeroplane war-kites by Samuel F. Perkins, '09. He will illustrate how a United States naval lieutenant was sent into the air from the deck of a war vessel lifted by fifteen kites. This attraction is through the courtesy of John C. Runkle, 88, vice-president of

the Barrett Manufacturing Company of Boston.

The latest program of the Reunion is as follows:

MONDAY, JUNE 12

9.00 a.m. Arrival of the special steamship from New York.

10.50 a.m. Farewell to Rogers. President Maclaurin introduces orator of the day, Mr. James P. Munroe, '82. Music. Seats unoccupied at 10.50 given to first applicant. Time, one hour.

12 m. Fraternity luncheons at the various Chapter Houses.

2.00 p.m. Laying Corner Stone of Walker Memorial. Professor Harry W. Tyler, marshal. March from New Buildings to site of Walker Memorial escorted by M. I. T. Battalion. Address by President Richard C. Maclaurin. Presentation by Professor C.-E. A. Winslow '98, of Yale University. Response by E. P. Brooks, President Junior Class.

2.30 p.m. "Old Home Afternoon." Inspection of New Buildings, and Tea. The Technology Regiment dress parade. Exhibit "Fifty Years of Technology." No charge,—tickets admit you and members of your party. Tickets will not be taken up and can be used for admission to grounds as often as desired. Bring all your friends. (Events on the Basin can be seen from both sides of River and from the Harvard Bridge.) Best route:—Cambridge Subway to Kendall Station.

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5.40 p.m. Start of race of Canoe Singles. Man-carrying kites on Esplanade. Two torpedo boats and one submarine in Basin.

6.00 p.m. Class Dinners. Those at City Club in charge of Committee. Price \$2.00. Classes dining at hotels arrange with their secretaries, and do not send applications to Committee. Admission to City Club up to 8 p.m. by ticket, after 8 p.m. by special badge for Smoker.

7.00–10.30 p.m. Dinner for women at the Copley-Plaza under the auspices of the M. I. T. Women's Association (price, \$2.50), and special entertainment under the same auspices (no charge). An Escort Committee will accompany women to the Cheering of Rogers at 10.30.

8 p.m. Smoker at City Club. Price, \$1.50. Admission by special badge. Governor and State officials invited. Special entertainment in main auditorium. Refreshments. (Coat room will be overworked, advisable to wear hat that can be put in pocket.) At 10.30 undergraduates, with band, escort Alumni to Rogers Building. Singing and cheering Rogers. Decorations and special lighting.

TUESDAY, JUNE 13

10.00 a.m. sharp. Last boat leaves; first boat leaves 9.30 Nantasket Day. Rain or shine. Three steamers. Price, \$3.00. Classes form on beach; guests go to grandstand. Classes march up beach with bands to grandstand. Luncheon. Parade of Mascots. Class Stunts. Large bath-house used for a dressing room for Stunts. If it rains, large pavilion will accommodate entire crowd. Return to Boston about 5.30. See special program distributed on boat.

8.30 p.m. Pageant and Masque, New Buildings. Prices, \$2.00; box holding six, \$30. No rain checks; performance cannot be postponed. (NOTE:—Do not go to Rogers to see the embarkation, as the transportation service will be so crowded that you may not get to New Buildings in time.) After arrival of State Barge and Academic Procession, the audience can greatly assist by being seated as quickly as possible. Illumination, fireworks. Avoid the crowd

on Harvard Bridge by taking Cambridge Subway to Kendall Station, this is important. See synopsis of pageant on page 13 of the Souvenir Program.

WEDNESDAY, JUNE 14

11.00 a.m. Technology Clubs Associated will meet in Room 22, Walker Building. Admission by badge. Delegates from all associations to make report and select next place of meeting.

12 p.m. Departmental Luncheons, Hotel Somerset, Commonwealth Avenue, near Charlesgate East. Price, \$1.50. Departmental heads and prominent Alumni to speak. Buffet Luncheon for women at Riverbank Court, corner Massachusetts Avenue and the Esplanade, Cambridge. Under the auspices of the M. I. T. Women's Association. Price, \$0.50.

2.30 p.m. Dedication Exercises in Great Court, New Buildings. Admission by ticket, no charge. Limitation of admission if weather conditions compel indoor exercises. The Governor of the Commonwealth will be present, attended by his staff, and escorted, in accordance with old Massachusetts custom, by the Lancers. After the entrance of the Academic Procession of guests from other colleges, in scholastic garb, there will be brief addresses by President Maclaurin, Governor McCall, and President Lowell of Harvard, and the address of the day by Henry Cabot Lodge, Senior Senator from Massachusetts.

6.45 p.m. sharp. Banquet, Symphony Hall. Price, \$6.00; balcony seats for women and other guests, \$1.00. Balcony seats wired for telephone. Speaking, marvelous demonstration of transcontinental telephone service, and other features. Please do not block main corridor. Bugle will be sounded for assembly at tables. Please take your place as quickly as possible and remain standing for cheer.

SOUVENIRS

The Sales Committee will take your order for souvenirs and forward them to your hotel or home address. (These may be ordered by mail, also.)

Book containing 14 charming sketches of New Buildings, \$1.50.

Bird's-eye View of entire group as it will appear when completed, done in photogravure, size 30 inches by 19 inches, \$1.50.

Bronze medal commemorating the Fiftieth Anniversary of the opening of the Institute, in case, \$1.50.

Souvenir Program, \$0.50.

Plaque of William B. Rogers, 10 inches in diameter, \$3.00.

Institute seal, 12 inches in diameter, \$3.00.

Technology pennants, various sizes and prices. Photographs of President Rogers, Walker, and Maclaurin. Photographs of all the Reunion events as they occur.

One of the great features of the Reunion will be the very large attendance of women. The program has been laid out with reference to their comfort and entertainment. The committees of the Women's Association have worked most effectively to assist the Reunion Committee and help in rounding out the program and in making the women guests most welcome. The headquarters for the women will be located in the suite occupied by Registration Headquarters in the Copley Plaza.

Returns up to the time of writing this article would indicate that there would be six or seven hundred in attendance at the women's banquet to be held in the Copley Plaza June 12.

The balcony seats at the Alumni Banquet in Symphony Hall will be wired for telephones, and women guests of alumni will have an opportunity of hearing the entire telephonic program.

Please bear in mind that the crowds about the Basin on Monday afternoon and on the evening of the Pageant will be tremendous. All those going to the Pageant on Monday evening should take the Cambridge subway at Park street, getting off the train at Kendall Station, only about eight minutes walk from the new buildings. Harvard Bridge will be very much congested, and indeed the police of Boston and Cambridge hardly know how to handle the situation there. Be sure to go by the subway.

ROLL OF HONOR TO BE PUBLISHED

Names of all donors to the Alumni Fund to be printed in book form by classes—Fund Committee Representatives working hard to make a good showing before July 1

An enthusiastic meeting of the Class Representatives on the Alumni Fund was held at the Engineers Club, May 18, and it was decided to publish a "Roll of Honor," giving the names of all the donors to the Alumni Fund, arranged by classes but without the amount of subscription. The Fund will be closed on July 1, and this is to be published as soon afterwards as possible.

It was unanimously agreed that a special effort should be made to get those who have not contributed to send in a nominal amount so that the numbers contributing may be greatly increased in order to improve the showing of a number of the classes.

It was suggested by some of the younger representatives that since their classmates had made contributions the men had, for the most part, advanced in position and salary, and most of them would undoubtedly be in a position and willing to continue their subscriptions for a period of three years more.

The whole spirit of the meeting was one of the greatest hopefulness and enthusiasm. A strong final effort is to be made to add several hundred thousand dollars to the present subscriptions. Every man who has not contributed anything is to be asked to send at least a minimum amount before July 1. All subscriptions mailed by that date will be counted in the Fund.

A number of the classes have been successful in increasing their class figures very materially. In the class of '93 two members have each agreed to duplicate any subscriptions received up to \$2,500. In other words, a \$2,500 subscription means \$7,500 added to the Fund. This and the other efforts put forth by the class have resulted in a total subscription

from the class of '93 up to date of over a hundred thousand dollars, or a little more than one fifth of the entire Fund. It would appear that the class of '93 would be easily the cup winner unless some other class produces a plan that will beat theirs.

The local representatives of the Fund in the various centers throughout the country are also working hard to make a satisfactory clean-up. The desire on the part of everyone is to have this fund worthy of the Institute and an alumni monument at the dedication of the new buildings.

It is understood that the corner stone of the Walker Memorial will be laid at the time of the Dedication Reunion. The erection of the building will be pushed vigorously throughout the summer, and it is expected that at least a part of it can be used some time in the fall for student purposes.

The Corporation is going ahead with this enterprise, although there is no money to pay for it, and it has never been the policy of the Institute to enter into large obligations of this kind without seeing a way out. They are doing this because of their faith that the alumni will finish the work that they have begun and which is so near their hearts. It is up to us to finish our work properly. Technology men have the reputation of doing things thoroughly and well having once committed themselves.

One of the striking features of the statistics of the fund is the large number of subscribers in some of the classes. This indicates much; for it is the spirit of the gift that counts after all. The class with the largest *esprit de corps* is likely to have the largest number of subscribers even though it may not stand at the head of the list with total subscriptions.

TECHNOLOGY AND THE TIMES

Foundations of Industrial Preparedness rest on teaching such as the Institute gives to its students

Now that the dignified dome and the imposing colonnade of great pillars are in place on the Administration Building of the new Institute of Technology, it will be the lure to many a walk (as soon as the weather becomes decent) across the Charles to take in at close range the beauty and nobility of the whole design. Such is the harmony of the proportions of the architecture, such are the modesty and reserve of its merely ornamental elements, that it requires an actual visit. You must meander on foot about the vast quadrangle, and around the ends of the wings, to appreciate the enormous scale. The real and solid grandeur on which the new housing of "Tech" has been carried out fairly makes everything in the neighborhood look small, even where its neighbors are certainly not to be considered small, or sham or cheap. As years go by, the scale of the whole of Cambridge, not to say Boston itself, will have to be jacked up, so to speak, by some means, in order to be in tune with the key it sets. Only the new Widener Library, bursting the old Harvard Yard and startlingly dwarfing and overwhelming that venerable scene, strikes the same gait. But the Institute has already grown up to this monumental plant, for it is, by the pronouncement of the scientific world, the greatest school of its kind in the world. Speaking of the opportunity for the Institute to pluck fresh triumphs from adversity—the common adversity which no nation escapes of the great war—Dr. Maclaurin recently cited the impartial testimony of "American Men of Science," that, in its staff of professors of chemistry, "the Massachusetts Institute of Technology stands clearly first." There is the prospect that, for a time at least, the competition of Germany will be cut off. The destruction of capital in Europe will give to America the new possi-

bilities of developing industries in other countries with American capital, and this is the exciting outlook for the new Tech.

President Maclaurin shares the view of those who have studied the matter carefully that Germany "has not shown any special genius for chemistry as far as the great advances in that science are concerned," though having a peculiar genius for patient investigation in the application of scientific knowledge to practical ends. We cannot expect at present to establish in this country the complex relationship of science, trade and industry that Germany has built up for herself within the last generation or two. But we have the energy and the capital and the special fields. "We have peculiar advantages with regard to the raw materials required and if we organize our industries with reasonable skill we can place ourselves in a position," President Maclaurin says, "that we should hold without difficulty even when the cessation of hostilities exposes us to the vigorous competition of our rivals." With a staff of eighteen professors in chemistry, more of these men of distinction than in any other institution, and twenty-three instructors and assistants besides, and in the new building more than two acres of floor space devoted to the department of chemistry, the prospect is that the Institute will be able to supply all the chemists and chemical engineers needed both to develop chemical industries in the other countries with American capital and build up great industries in this country. Probably the like optimism is warranted with regard to the other leading departments of the Institute and their possibilities of development.

Is the "tail to wag the dog?" and, if so, which is the dog and which the tail? The alliance with Harvard does not go into effect until the new buildings are

occupied, and some of the provisions of the agreement with the university are still to be passed on by the courts. But already students' and professors' work is being interchanged between the two institutions, especially in civil engineering and electrical engineering. It is after all nothing in the way of change in comparison with the great changes the war has made, and is still to make, in the whole current of the world. The industries of this country face a crisis that must force the organization of our industries on a scientific basis. "When such great forces are operating, it will be disastrous to pay any attention to petty differences between institutions or to the narrow view of any who cannot see beyond the limits of any single institution," says the Institute's President. "In these days of large opportunities our range of vision must be large and the combination of effort of two great institutions should be a powerful aid in training men to meet the responsibilities of the new era that is opening." This is a vision and a promise commensurate with the stupendous scale of the new material plant of the Institute. And yet there is as much more to be done as has been done before even the physical plant is completed. It was a site of twenty-five acres that was talked of when President MacLaurin came to the Institute six years ago. Now the expansion has reached an acreage of double that area, already paid for and in use. By next fall, when the buildings will be occupied, there will be two thousand students on the grounds and something must be done towards providing dormitories for those who cannot get to their homes daily. Here is where the "Walker Memorial" will serve to meet the social needs of the resident community of students and professors. The alumni have always claimed the privilege of finishing that labor of love and the sum now needed is but a small affair compared with what has been given in recent years—including the present to the Institute of a house for its President, which has been pledged by Charles A. Stone and Edwin S. Webster of the class of '88.—

Listener, Boston Transcript.

Japanese at Tech

The *Register* of the Massachusetts Institute of Technology gives evidence of renewed interest on the part of the Japanese in the higher technical training that the Institute affords, an interest that was emphasized by the recent visit to the school of K. Uchida, ex-governor of Formosa. Some years ago there were quite a number of Japanese among the students, the tally rising to five in 1906, four in some succeeding years and then a year or two without any. The interest has been revived the past year, for no less than seven of the Japanese are now on the lists.

Professor Junjiro Nagazumi was one of the specialists of last season. His home is in Fuoka on the Island Kiushu. The island is the seat of an imperial university in which Mr. Nagazumi is professor. While here he prepared an important thesis and a syllabus of courses of lectures for his home university.

Another man of consequence is Kujiro Nishio of Tokyo. He is one of the department heads of the Japanese Bureau of Mines, a graduate of eighteen years ago of the Mining School of Tokyo Imperial University.

Before coming to M. I. T. Mr. Nishio had spent one semester at Freiburg and one at Vienna in the mining schools, and had made visits to the principal ore beds of the continent. Coming thence to the United States, he investigated numerous ore deposits between the terms of his stay at Tech.

Another of the Japanese now at Technology is Michiya Hiraoka, professor in the Technical High School of Osaka, who with Professor Wakamatsu Yokoyama of Port Arthur is also specializing in mining and metallurgy. Mr. Hada, a native of Shimaneken received his degree from Harvard last year and he is now studying at Tech for the degree of doctor of engineering. Mr. Ito, who comes from Tokyo, a graduate of the Technical College of that city, is specializing in alternating current. Kazu Shogenji is devoting his time to the study of methods of instruction in mechanical engineering.

NEW MARGARET CHENEY ROOM

Description of the handsome quarters to be used for social purposes by women students in the new buildings

While all past and present students of the Institute of Technology share in the enthusiasm and faith which accompanies its preparation for a mighty stride forward, Technology women have their own particular reasons for gratitude. Beneath the great dome, extending across the entire length of the front portico of the central building, facing the great court, is a suite of rooms, gathering into a central headquarters provision for the various needs and functions of Technology women students, Faculty matrons and the Association of Women, the latter an incorporated body of former students.

It is cause for congratulation that although the present Pierce Building will pass into other hands and uses, the Margaret Cheney Room will go across the Charles. What this room has meant to the women studying at Tech, perhaps few outside their own numbers can appreciate. They do not consider it simply a memorial to a former student by a devoted and beneficent parent. In it are centered memories and the spirit of many friends whose hope is to see the best intellectual opportunities offered to women on the same terms as to men. In it have been many important early gatherings of the women now so widely carrying the Tech spirit into the amelioration of the country's living conditions through colleges, secondary schools and homes.

If the material fittings of the present room, the portières woven for it at the great silk mills, its plaster casts, or its pictures and other gifts should not all find a harmonious place in the new room, the important thing is that the spirit of the room itself shall always remain. It is really a symbol for the faith that women will appreciate and give adequate service to society in return for the fairest and most ample intellectual opportunity. Technology women are thankful for the

munificence of the donor and for the wise judgment of the President of the Institute who has chosen to carefully consider the needs of the students.

When it came to a consideration of the division of the space which President Maclaurin has designated for the headquarters for women in the New Tech, a joint committee was formed to make recommendation to the architect.

It consisted of Mrs. Maclaurin, president of the Faculty matrons; Mrs. Harry E. Clifford and Mrs. Harry W. Tyler on behalf of the matrons; Miss Mabel K. Babcock, Miss Susan Minns, and Miss Eleanor Manning, representing the Women's Association of M. I. T. The result is shown in the plan of that part under the great dome which extends the entire length of the front portico and from which there is a wide and extensive view. The rooms are on the third floor and can be reached by stairways at each end, or by elevators. At the western end is the Margaret Cheney Room, which occupies two bays. The finishing of the room, which is for the exclusive use of the women students, will be of a light panelling, and the fittings, chosen to give intimate quality. On the northern wall is a bookcase and on the eastern a space for writing tables. On the other side of the Margaret Cheney Room is the serving room, complete with gas stove, sink, china and linen closets, and near the window a refectory table and benches. Opening out of this room is a large room occupying three bays, which is to be named in honor of Mrs. Emma Rogers, wife of the first President. This will be panelled in walnut tone, with a barrelled ceiling of plaster. On the northern wall are cases for books or objects of art. This room will be available most of the time as an overflow from the Margaret Cheney Room where students who wish to do so may read or

work, but it is specially designed for receptions and teas, given either by the ladies of the Faculty, the Women's Association or the wives of professors.

Another room, occupying one bay, will be the headquarters of the Technology matrons. Eastward from this and extending to the stairway on the other side of the portico are rooms set aside for the women employees, with a kitchenette, a larger room for general use, and, behind the stairs, a rest room. The furnishing of the various rooms will give an opportunity for generosity on the part of the various women who are interested.

Mrs. Maclaurin described these plans at the annual meeting of the Women's Association, when she said in introduction: "Tech in the past has stood for the advancement of science for the good of mankind, and in beginning a new chapter in our history we not only carry forward the same great aim, but we intrench its underlying principles more deeply than ever by working for closer union and coöperation with all forces making for the same end, and we have regard to those forces both within the Institute and without. It is here that I see woman's greatest opportunity—the opportunity of throwing herself wholeheartedly into the broad interests of Technology.

"The Women's Association has already done admirable work; its individual members have made their mark in science, architecture, landscape work, teaching and the like, and as new members are added, new victories will constantly be won. As individuals and as an association you will be specially interested in directing attention to the new openings for women that are constantly presenting themselves, and will do your best to have women students adequately trained for the tasks that they are to undertake."

The Institute of Technology was founded for the purpose of offering advanced instruction in science, opportunity for research and of making a connection between science and the industrial arts. It was opened to students in

1865, the same year as Vassar. Up to 1871 its students were all men, but in January of that year "a frail girl, with steadfast and courageous eyes," brought about a change and after the graduation of Ellen H. (Swallow) Richards no profession or occupation has been closed to a perfectly qualified woman. To perpetuate the memory of the pioneer, the Ellen H. Richards Research Fund of fifteen thousand dollars, largely from the pockets of women alumni and their friends, was established. This provides for a fellowship in sanitary chemistry, which has been held by Mr. Hsu of China for the past two years. Professor John F. Norton has expressed the hope that this fellowship might be held by a woman, when the woman graduate should apply who was thoroughly qualified.

Among the present women students in Tech are graduates from Wellesley, Radcliffe, Smith, the University of Minnesota and Trinity College of Washington. In all, nearly seven hundred women have studied one or more courses at the Institute. Among its graduates are college deans, professors, writers, professional women and many homemakers—their experience is expressed in the message of Miss Marion Talbot, dean of women at Chicago University to the Women's Association. "I am sure the women of the Institute will carry to their new quarters the honest, sincere spirit which is theirs by inheritance and example."—*Boston Herald*.

Meeting at Bridgeport

Thirty-five members of the alumni of the Massachusetts Institute of Technology sat down to a banquet in the University Club rooms last night. Only two of the gathering were from this state, the rest having come from all parts of the country to participate in the supper.

A speech was made by I. W. Litchfield, '85, manager of the Dedication Reunion which will be held in Boston on June 12, 13 and 14, who indicated many things of interest to take place during the event.—*Bridgeport (Conn.) Telegram*, April 12.