



## T. K. Sherwood Granted Award By A. I. Ch. E.

Honor Is Conferred  
For Numerous Papers  
On Chem Engineering

Professor Thomas K. Sherwood of the department of Chemical Engineering has been honored by the American Institute of Chemical Engineers by being selected as the recipient of the William H. Walker Award for 1941. This award is given by the A.I.Ch.E. to a member who has made the most worthwhile contributions to the Transactions during the previous three years.

Professor Sherwood has received this award in recognition of his papers entitled as follows: The Role of Eddy Diffusion in Mass Transfer between Phases, with Byron B. Woertz, resident associate in Chemical Engineering; Extraction in Spray and Packed Columns, with J. E. Evans and J. V. A. Longcor; Performance of Packed Towers: Experimental Studies of Absorption and Desorption, with F. A. L. Holloway; Performance of Packed Towers; Liquid Film Data for Several Packings, with F. A. L. Holloway; and Mass Transfer and Friction in Turbulent Flow.

Presentation of the award is scheduled to take place at the American Institute of Chemical Engineers' banquet to be held on Tuesday evening, May 20, immediately following the banquet.

## Railroads Analyzed In New T. E. N.

Six Articles Explain  
Modern Iron Horses;  
Construction Details

With six articles on railroading, the new issue of The Tech Engineering News will deal with this vital part of industry when it goes on sale tomorrow and Thursday, May 21 and 22. Notable is a story by Professor Charles B. Breed, head of the department of Civil Engineering at the Institute, an attempt to analyze what is wrong with the railroads.

"Diesels on Wheels" by Leo Feuer, '43, of the T.E.N. staff, outlines the use of Diesel locomotives in railroad work, producing interesting information on the history of the question. Details of the construction of Diesels as used by railroads go to make up the rest of the article.

### Smith Discusses Railroading

Mr. Arthur Q. Smith, vice-president of the Westchester Model Club, foremost of America's many model railroad organizations, has written for the magazine about the pleasures and the troubles in model railroad building.

Also included in the magazine are an article by John A. Sibley, '43, entitled "Spotting Danger", on means of locating invisible rail defects, and a discussion of butt-welding of rails by the oxy-acetylene pressure method.

A new feature in the issue is "Briefing the News" a summary of the important developments in engineering, announced during the month.

## Professor Wadsworth Will Address Math Club

Professor George P. Wadsworth of the Mathematical Department will give a talk on Statistics at 8:00 P.M. this evening at a meeting of the M.I.T. Mathematical Society. The meeting, which is to be held in the Emma Rogers Room, 10-340, is the last meeting of the society this season. Refreshments will be served at this meeting which is open to all interested.

## Bill Saunders Picked New Crew Manager

William G. Saunders, '43, was chosen to be next year's manager of crew at a meeting of the M.I.T.A.A., it was announced last night. With Saunders will be Carleton F. Bryant, Jr., '43, as associate crew manager. Both men will officially take over their duties next fall, but Saunders will accompany the crew to Poughkeepsie. Also chosen at this meeting was William G. Franklin, '43, as next year's gym manager.

## Comedy Planned By Drama Club For War Relief

Faculty Dramatists  
To Contribute Receipts  
For Patrol Boats

Contributing the entire box-office receipts to British War relief, the M.I.T. Drama Club presents "Yes, My Darling Daughter," a comedy in three acts at 8:30 P.M. on Tuesday and Wednesday evenings, May 27 and 28, at the Y.W.C.A. in Boston.

Written by a Technology alumnus, Mark Reed, '14, the play is being produced by the club, without royalty payment. This is to make it possible to raise a substantial contribution. The gate receipts for the two nights of production will be donated to the British War Relief for the purchase of patrol boats.

### Faculty Members Playing

The male parts in the cast are being played by members of the faculty, while the female characters have been chosen from the wives and daughters of men who are connected with the Institute. The mother, Ann Whitman Murray, who was one of the Greenwich Village pioneers twenty-five years ago, is played by Mrs. Wallace

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## T.C.A. Will Inaugurate Freshman-Advisor Plan

Preparing to inaugurate the freshman-advisor plan for orienting incoming freshmen, the T.C.A. has asked the different groups on campus to give proportional numbers of Juniors and Seniors to act as advisors. The schedule requires an advisor for every two incoming students.

The distribution of men for advisory capacity allows for 80 men from the Dormitories, 75 students from the 5:15 Club and an aggregate of 154 men from all the fraternities, making a grand total of 309 advisors. Raymond F. Sullivan, '43, has been appointed director of the advisors.

## Senior Week Guests To Swim

Extension Is Granted  
For Mixed Bathing  
During Week-end

Announcement of an extended schedule for mixed swimming in the Alumni pool for the week-end preceding Commencement and Alumni day was made last night by the Senior Week committee. For the first time, for those taking part in Senior Week, arrangements have been made for mixed swimming outside the customary Sunday hours.

On Saturday, June 7, the hours of 2:00 to 10:30 P.M. will be reserved for mixed swimming. Monday, June 9, Alumni Day, the pool will be open from 11:00 to 6:00 P.M. for mixed swimming; and from 6:00 P.M. until 10:30 P.M. for women exclusively.

### Open on Commencement Day

On Tuesday, June 10, Commencement Day, the Alumni pool will be open for mixed swimming and for inspection by parents from 2:00 to 6:00 P.M. By securing permission for this extended period, the Senior Week committee hopes that the Alumni Pool may be used for a more enjoyable time by members of the graduating class and their dates. The pool will at the stated times also be open for mixed swimming for all other members of the Institute.

At the same time the Senior Week Committee announced that ticket reservations for the Pops may be made through Mr. William H. Jackson at the Information Office. Blanket tickets and individual event tickets are still obtainable from any member of the committee.

## Hauser To Lead Chem Engineers

Banquet To Present  
Varied Entertainment  
And Steak Dinner

As an outstanding professor in Course X with a genial personality, Professor Ernst A. Hauser has been secured as master of ceremonies for the Annual Banquet and Beer Party of The A.I.Ch.E. to be held at Gundlach's Hofbrau at 6:30 P.M., Thursday, May 22.

Other Course X faculty members including Professors Meissner, who will speak on a non-technical subject, McAdams, Lewis, Hottel and Freeman of Course XV, will provide entertainment of various sorts. A steak dinner, free beers and specialty acts will also be on the program. The Banquet is open to all members of Course X, XV2, and V.

## Orange Edges Varsity As Jayvee Crew Wins; Frosh Take Stewards Cup

### 1941 Technique Pictures Available In Main Lobby

All 1941 Technique pictures which were ordered in the lobby and fraternity campaigns will be available in the lobby of Building 10 from 12 to 2 o'clock today, tomorrow, and Thursday of this week.

## Louis Levy Medal Given To Lessels And MacGregor Nickel-Chrome Work Gains Recognition For Institute Men

Award of the famed Louis E. Levy medal jointly to Professors John M. Lessels and Charles W. MacGregor, both of the Department of Mechanical Engineering, in recognition of their paper entitled "Combined Stress Experiments on Nickel-Chrome Molybdenum Steel" was announced recently by the Committee on Science and the Arts of The Franklin Institute.

The Levy medal, established almost twenty years ago, is awarded annually "to the author of a paper of especial merit published in the Journal of The Franklin Institute, preference being given to one describing the author's experimental and theoretical researches in a subject of fundamental importance."

Both Professors MacGregor and Lessels came to the Institute from the Westinghouse Electric and Manufacturing Company. Professor Lessels is technical editor of the "Journal of Applied Mechanics", and in 1926, received the Bernard Hall prize from the Institute of Mechanical Engineers in London.

## Professor Keyes Speaks At Chem Society Banquet

The annual banquet of the M.I.T. Chemical Society was held last night in the Dutch Room of the Graduate House. Professor Frederick G. Keyes, head of the Department of Chemistry, spoke on the "Wisdom of Courage." Professors Ernest H. Huntress and Avery A. Ashdown also attended the dinner at which Malcolm L. Brown, '42, presided.

## First Fifties Lose To Record Breaking Crimson Crew Here In American Henley

While the varsity heavies lost to Syracuse by a foot on the two mile course of Lake Onandaga, the Engineer jayvee eight won their first race of the season from the Orangemen by a length and a half. The rest of the Beaver crews, the light weights and frosh heavies, fared better, winning the Stewards Cup and another race in the 37th Annual American Henley Regatta, and placing third in the rest of the events.

Leading till the very last stroke Moch's varsity men lost to the Orange powerhouse by a tenth of a second after the jayvees racing in inspired form beat their Syracuse equivalents leading all the way on the choppy waters. The time of the varsity race was 11:48 and 11:48.1.

### Fifties Finish Third

Losing the rubber contest against the Crimsons the Beaver lightweight varsity failed in a last minute drive for the Joseph Wright challenge cup because of a half crab and were robbed of second place by an alert Princeton shell. The three top crews alternated in the lead while Columbia and Penn brought up the rear. The Crimson time was a new record of 6:40 for the Henley beating by one second the previous record held by the Harvard frosh in 1939.

In the first race here the frosh heavy jayvees did the mile in 5:13, beating Tabor's varsity by almost a

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## 5:15 Sponsors Post Exam Outing

Green Acres Chosen  
For Annual Picnic  
On Thursday, June 5

For the second successive year the Green Acres Country Club, in Saxonsville, Mass., has been chosen as the scene of the 5:15 Club's annual post-exam outing, which this year will be held on Thursday, June 5, from ten in the morning till two the next morning.

Among the activities of the day will be swimming, golfing, ping pong, volleyball, softball, baseball, deck games, croquet, dart games, and outdoor bowling.

Sign up lists are posted in the 5:15 Club room, and tickets must be bought before Wednesday, May 28, from the sellers in the club. A minimum of fifty tickets must be sold in order to secure exclusive use of the country club.

The cost of the entire affair, including a full course chicken dinner and an evening's dancing, will be \$2.50 per couple. This does not, however, include the cost of lunch, so those coming in the morning must bring or buy their lunch.

## Staff And Their Guests Attend The Tech Outing

With over forty-five members of the staff, their guests and dates participating, The Tech held its annual spring outing, the Strawberry Festival, at the Cliff Hotel on the shores of the Atlantic at North Scituate last Sunday. Leaving Technology in the morning the group drove to the beach for an afternoon of informal entertainment.

Steak dinner was served on the terrace of the hotel. The remainder of the afternoon was spent in outdoor recreation including swimming on the private beach near the hotel, softball with the assistance of the girls, and other sports, interspersed with refreshments.

## Many Records Will Be Broken On Briggs Field In Weekend's Intercollegiates, Says Hedlund

(Editor's Note: This is the first of two articles by Coach Oscar Hedlund of the track team on the New England Intercollegiate Track and Field Championships to be held on Briggs Field this Friday and Saturday. The second will appear in Friday's issue of THE TECH and will contain Oscar's predictions concerning the individual winners.)

After a lapse of four years the New England Intercollegiate Track and Field Championships come back to Tech this week end to test the new Briggs Field which is only two years old, but already a world's inter-scholastic record of 20.7 has been equalled by Caldwell of Moses Brown last Saturday afternoon during the private school meet, proving how fast the pace will be for next Friday and Saturday afternoons—let's pray for good warm weather and no winds. Last year on Pratt Field at Spring-



field College two records were made and one tied. The outstanding mark was set by Robert Bennett of Maine when he threw the hammer 183 ft. 10 1/4 in., which was the longest throw in American competition for the past decade. The I.C.A.A. record is 181 ft. 6 1/2 in. made by Fred Toobell back in 1923. Ed Dugger of Tufts set a new record of 14.5 in the high hurdles and has already equalled the mark in a dual meet against W.P.I. He has also equalled Bruin Ken Clapp's mark of 23.8. If this can happen on the old track at Springfield, many more records will probably be established in the Intercollegiates next Saturday.

### Three Standouts

The outstanding teams this year will be Holy Cross, Rhode Island State and Boston College, rated on the basis of their performances in all the dual meets in the nearby colleges. The

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