Adrienne & Frothingham Will Sing At I.F.C. Dance

Punch Parties, 5:15 Gadget Carnival
On Sat. Will Wind Up Gala Week End

Simmons Co-Ed
Picks Door Prizes

Plans for a short floor show entertainment at the I.F.C. dance event Friday night have been completed, starring singers Adrienne and Eleanor "Th" Frothingham; it was announced yesterday by Warren E. Foster, '43, chairman of the Senior Week Committee. These featured attractions are being scheduled on a program of events which already includes a gay swung balsam, champagne door prizes, minstrel songs, and the music of Sam Donahue and Harry Marshard with their respective bands.

Glamous "Th" Frothingham, once Boston's number one debutee, is now society's first singer, while Adrienne, a tall, slender brunette, is most well-known for her rendition of popular songs in French, Spanish, and English. Adrienne, whose full name is

(Continued on Page 4)

Sam Donahue's Band For I.F.C.
Features "Finest Sax Section"

Characterized as "America's most refreshing bandleader," saxophone band Sam Donahue will present his band and his music for dancing enjoyment at the I.F.C. party in the Hotel Statler on March 27. Included in this increasingly popular orchestra is perhaps the finest sax section in this increasingly popular orchestra. 

Finally in order to establish a piece band, little realizing that eight years later these same boys would form the nucleus of the band he proudly leads today. For seven lean years Sam and his original band struggled to make a living in the musical world, although Donahue himself was boggled with offers from famous orchestras to be featured at a tenor sax soloist. Finally, in order to establish a

(Continued on Page 4)

Dr. Rabinowitch's Photo-Electric Cell
Suggests Solution To Photonsynthesis

Photosynthesis, the process by which solar energy is converted into chemical energy, and whose unique demonstration lies in the wonder properties of chlorophyll, has for ages puzzled scientists into its explanation. When, over a hundred years ago, the Becquerel cell, the first cell which was devised to produce an electric current with the aid of light, was invented, no one knew how it worked. When Lange accidently stumbled upon the photoelectric properties of selenium "Camer layer" cells, and thus invented the widely used photoelectric cells, the essential process was still a mystery.

Secret Is Revealed

In an M.I.T. laboratory not long ago, however, another cell was constructed in which light is converted into electric current. But this time it was discovered how and why. The name of the discoverer is Dr. Rabinowitch.

Physical-chemist Rabinowitch, long acquainted with the photoelectric properties of selenium, had the idea to devise a cell which, at expense of light energy a chemical reaction could be made to run "uphill." He then wanted to use this shift of chemical equilibrium for the production of an electric current. His main problem was to find an organic dye which would reverse one natural direction of combustion processes on other occasions. This has been done.

Organic Dyes Responsible

A purple dye called thionine appeared to be the answer. What it was discovered that the ferrous ion in a solution of thionine and ferrous sulfate will under the influence of light, be oxidized to ferric ions, while the thionine is correspondingly reduced to leucocyanine. Without the action of light, however, the action is reversed, thus creating an electrolytic force. These conclusions gave Rabinowitch the key to his problem.

The cell consist of a single container, one half of which is exposed

(Continued on Page 4)
VOTE TO GRIPE

Thirty-three campaign managers, newspaper men, and candi
dates for student offices were the official attendants at the Student
Forum last night in Room 10-250. Thus the second attempt of
the Debating Society to acquaint the student body with the
_forum for a Post-War world.

As soon as their prac
tee fully intends to follow the
party, the plans for which have
suggestions that this can be effec-
tively accomplished. Early gradua-
sion has necessitated certain
changes which must be made to the
usual program,-

it is only through criticism andI
suggestions that this can be effec-
tively accomplished. Early gradua-
sion has necessitated certain
changes which must be made to the
usual program,-

Too evidently plain are the gruelling consequences of the mistakes of a former day. It is our sacred duty to prove that
they cannot and will not be repeated. All over the country are springing up discussion groups, small and big groups of enthral-
led individuals who now, even in the midst of the world-wide
clash of arms, are moulding plans for the future based on the
assumption of the destruction of the totalitarian menace in the
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The Tech

Industrialization Of South America Alters Our View

Political Problems — II

The motivating power in the atti-

tude of the United States toward the Latin American countries during the greater part of the past
century was the fear that these nations might be the source of self-preservation.

The United States has not only its origin in a unilateral self-preservation declaration which we
are discussing.

In the early nineteen thirties however, that lack of interest in student government by the stu-
dents means but one thing: that Technology undergraduates do not care how nor by what individuals their school affairs are
managed.

daily, students fill the air with criticisms of the actions of their student officers and committees. They don't approve of their
activities. The Junior Prom Committee has signed, they don't	like the idea of a barn dance during Senior Week, and they com-
plain about how all worthwhile offices go to

While the

VOTE TO GRIPE

...looking ahead to the I.P.D. program, reports seem to indicate that Saturday night's entertainment will be a sit-down to the
gala affair, strictly to an informal six are planned to take, while complete information is still unavailable.

...the Delta are going to invade North Stoughton in particular near

endowments—hke albatross.

...the Phi Lambda Phi plan is...one...of the...big...bats...in...Refusal to...sell...beer...at...at...beer...at...be...at...beer...

...for those interested in the more conspicuous...social...in...the...student...community...will...in...commemoration of...World War...II...is...planned.

ENGINES FOR RECONSTRUCTION

While the general pattern of the world of tomorrow has been clouded in turbulent confusion ever since the day when youthful enthusiasm first took root into our own hands, it is high time that we applied some good, common engineering
sense to the problems of social and economic reconstruction.

Two offers has to be made. First, they can't be repeated. All over the country are springing up discussion groups, small and big groups of enthral-
led individuals who now, even in the midst of the world-wide clash of arms, are moulding plans for the future based on the assumption of the destruction of the totalitarian menace in the East and West.

Our words of hearty encouragement go to the Post-War Reconstruction Conference which meets for the third time this

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Tuesday, March 24, 1942

Dekes Vanquish Chi Phis At All-Tech Swim

Diving Exhibition And Water Polo Interest

Balloons waved by the Divine Service Choir日前日日都七

Stadium, the Delta Kappa Epsilon, in the annual Arkansas in the Pool on Sunday, B.A.E. produced one mass balloon, which nearly crashed with the pool when he released the free-style and backstroke starts. The race course was annulled by Chi Phi, who put out Phi Gamma Delta and Delta.

The friendly rivalry with which the breast stroke is interspersed with instruction in the same team will fire in the Eastern

The Tech Swim Club, sponsors of the Tech Swim Club will travel to New Lon-

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The 9:15 Club was eliminated this year from permanent posses-

The individual rounds in the elimin-

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name for himself on which to support his band, Donahue accepted sums of these offers, gaining national and international recognition as a soloist with his band, Donahue accepted the spot as the most refreshing orchestra leaders themselves have found favor with publications as well as other or... proportions. Music critics in many European Influence On Hemispheric Solidarity and the American Market report ec. The net result is to make these countries much closer, economically speaking, to Europe than to the United States. The further south we go, the more this statement becomes.

European Influence New York City, and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. By the action of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of light, a diffusion of the potential was achieved was a new controlled current. Rabinowitch's achievement cell is a tre... and the other kept dark—\( E \) result of...