

Professors Jakob and Morgan Discuss Advancements in Astronomical Research

Professor Max Jakob, research professor of mechanical engineering, and Doctor William Wilson Morgan, associate professor of astrophysics, at the University of Chicago's Yerkes Observatory, were the principle speakers at last Wednesday's meeting of the IIT chapter of the Sigma Xi.

Dr. Jakob discussed the value of astronomical research to a technological institution like IIT, stated that, "We are in a science of one world, which is a rapidly expanding world. The astronomer is of the same scientific world. We here at Illinois Tech find it impossible to know what goes on in every corner of the scientific world, however, it is desirable to know what goes on in the astronomical corner of the scientific world."

He also pointed out that the practical sciences have been developed from astronomy, e.g. mechanics, dynamics, Newton's Laws and Kepler's Laws. From astronomical research has stemmed the fields of

spectral analysis, Fraunhofer lines, optics, and photography.

Dr. Morgan, in discussing some of the latest advancements in astronomical research, mentioned a new instrument, the coronometer. This instrument makes it possible to photograph the corona of the sun in daylight where previously it was only visible during an eclipse. Dr. Morgan attributed some of the latest successes in astronomical research to the cooperative system in the use by the observatories. Photos of the galaxies and star clusters were displayed by Dr. Morgan. It is from the study of other galaxies that we learn so much of the galaxy in which our own planet is situated, he stated.

Math Club Elects Robert D. Teasdale As New President

At a recent election, the Math Club selected Robert D. Teasdale as its new president. Other new officers of the club include: Secretary, Chandler L. Sammons, and program chairman, Milton F. Searl.

Searl announced that the club will hold a meeting in Room 205 Chapin at 11 a.m. Friday. Robert Teasdale will lecture on the "Gamma Function" and the "Error Function" and Milton Searl will talk on "Prime Numbers."

President Teasdale indicated that the Math Club would like to emphasize that its general object is to present advanced concepts in as [See Math Club on page 7]

Armour Eye Holds Planning Meeting

New life will be injected into Armour Eye this term, announced Arnold Rosner, president, at the club regular meeting last Wednesday evening. In order to stimulate activity, a motion was proposed and adopted that all pledges be required to submit at least one salon print to the club. These prints will be judged and those found suitable will be placed on display in the Student Union.

One of the first projects of the camera club for this term, will be the photo contest which *Technology News* is co-sponsoring. All future meetings of the club will feature either speaker or movies and all members of the student body are

Graduating Seniors Must Check with Registrar

The registrar has announced that all graduating seniors must check with the office to insure proper spelling of their names and correct accounting of graduating credits.

The graduating senior class will meet this Friday, according to Fred Travis, president. The room will be announced. The senior farewell and commencement particulars will top the meeting agenda.

The meeting closed with the showing of our movies. One movie was on flash photography, another was a news reel, the third was *Camera Magic* and the last was a war department film on *photographic interpretation*.

Fraternities and Sororities

PI KAPPA PHI

Alpha Phi chapter of Pi Kappa Phi will inaugurate a series of open informal dances this week, according to an announcement made by Ralph Belke, historian of the fraternity. The dances will be held each Saturday evening, unless the Chapter has planned another activity for the same night.

Pledge period of the current pledge class has continued with active members sitting in on some of the meetings, stated Pledgmaster Van Ness. The pledge are learning their lessons well under his direction, other activities added.

Plans have been made for a fraternity hayride to be carried out Saturday night on the northwest side.

DELTA TAU DELTA

To make it a full week end, after attending the "Serenade in Gold" in strong numbers, the Deltas are backing a combined Barn Dance, scavenger hunt and beer party the next

New Group Being Formed By IIT Foreign Students

A general meeting of IIT foreign students sponsored by Dr. F. K. Richter, associate professor of the language and literary department, was held Monday, November 4. The purpose of the meeting was to promote internationalism, to bring these students in harmony irrespective of race, color, or religion and to acquaint them with the sports and social life of the United States. A committee was appointed to frame a constitution and to plan activities for the society.

At the meeting held yesterday in Chapin Hall, the proposed constitution was introduced and discussed.

Emphasis will be placed on each of the various forms of entertainment in more or less succession, commented Tom Gelavan, social entrepreneur. The cork in the barrel has been to find a suitable barn—off the campus.

Future social events for the semester include the traditional Christmas party and a proposed New Year's celebration.



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SKIPPERS BEWARE!

SHE WEIGHS ONLY 88 POUNDS, BUT NATIONAL WOMEN'S SAILING CHAMPION LOIS MACINTYRE IS A KEEN CONTENDER IN ANY RACE!

NO LUCK, LOIS. THEY TACKLED RIGHT WITH US!

THEY'RE FOOTING ON US EVERY SECOND

HARD A-LEE!

SHE'S STILL BLANKETED BY NO. 101 - NOW SHE'S GOING OFF ON ANOTHER TACK

OR IS SHE? NO! IT'S A FEINT TACK - THAT MACINTYRE GIRL IS A REAL CHAMPION

I'VE GOT AN IDEA - THE TRICK WE USED IN THE NATIONAL - MAKE IT GOOD!

LONG ISLAND SOUND

SKIPPER MACINTYRE IS BLANKETED BY THE LEADER IN A RACE OF ATLANTIC (30 FT.) CLASS BOATS...

R. J. Reynolds Tobacco Company, Winston-Salem, North Carolina

TO GET OUT FROM UNDER BLANKET OF OPPONENT'S SAILS, SKIPPER MACINTYRE (26) CALLS OUT FAKE ORDER TO TACK. HER CREW GOES THROUGH MOTIONS OF TACKING, BUT - AS OPPONENTS ALSO TACKS TO KEEP HER COVERED - SHE FALLS BACK ON HER ORIGINAL COURSE AND GETS INTO CLEAR BEFORE OPPONENT DISCOVERS THE TRICK

THEY FELL FOR IT BEAUTIFULLY, LOIS. THEY'LL NEVER CATCH US NOW!

THAT WAS A WELL-EARNED VICTORY, YOUNG WOMAN

I SEE YOU ALSO SMOKE CAMELS, MISS MACINTYRE

NICE ACTING, GIRLS! WE'RE HEADING FOR THE FINISH LINE!

CAMELS ARE FIRST WITH ME ON EVER / COUNT! THEY ALWAYS TASTE GOOD!

—AND THE CHAMPION WINS AGAIN!

YOUR "T-ZONE" WILL TELL YOU...

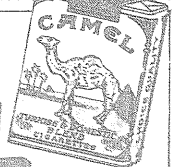
T for Taste...T for Throat...that's your proving ground for any cigarette. See if Camels don't suit your "T-Zone" to a "T."



CAMELS ARE EASY ON MY THROAT...AND TOPS FOR TASTE. THEY SUIT ME TO A "T"

COSTLIER TOBACCOS

CAMEL



Lois Macintyre