

News in Brief

Dr. George Scatchard, professor of chemistry at MIT, will lecture before a tri-chapter Sigma Xi meeting consisting of Illinois Tech, the Chicago colleges of the University of Illinois, and the University of Chicago.

The subject is to be "Molecular Interactions in Protein Solutions," and will be given Wednesday, 8 p.m., in 115CB. Admission is free. Tech students are invited to attend.

Late registrants may obtain their ITSA student identification cards at the ITSA office, second floor of the Student Union, next Tuesday and Thursday from 12 to 2 p.m., Don Lynch, ITSA president, announced this week. Students are required to present their tuition receipts when they receive their identification cards.

J. J. Ahern, head of the fire protection engineering department, will be the speaker at the Fire Protection Engineering Society smoker, Wednesday, 7 p.m. in the SU auditorium. Professor Ahern will talk on job opportunities for fire protection engineers as civilians and as members of the armed forces.

Semi-dependent and dependent organizations requesting ITSA funds for the coming semester

must present their budget for approval next week, Bill Comis, ITSA treasurer, announced today. Previous budgets, books, and voucher register must be presented with the new budget at the ITSA office between 1 and 2 p.m. Monday through Friday.

Rough Castings, all-male burlesque group, is seeking members for its band to perform during the Junior Week production. Anyone interested in participating in the organization or the band should come to the SU auditorium, Tuesday at 5.

A tennis meeting will be held in the gym office Tuesday at 1 p.m. for the purpose of signing up varsity candidates. Indoor practice in the gym will begin February 24 according to Coach George Jennings and Bill Mattern, team captain.

The Israel Club of IIT will welcome incoming students at an Oneg Shabbat to be held Friday, 7:30 p.m., at the home of Beverly Asch, 3349 W. Division street. Everyone is invited to attend this informal get-together which, spokesmen say, is sure to be enjoyed by all.

ARF opens radiographic laboratory

After converting an abandoned garage into a modern gamma ray radiographic laboratory, scientists at Armour Research Foundation of Illinois Institute of Technology can take X-ray pictures through eight inches of solid steel.

A radioactive source shielded by 16-30 inches of concrete emits 65 billion gamma rays per second and has a penetration power similar to 1.8 grams of radium which sells for about \$20,000 per gram.

An equivalent amount of conventional X-ray equipment might cost as much as \$100,000, Dr. Richard C. Humphreys, assistant chairman of the Foundation's physics department, explained.

"With this source, we can detect hidden flaws in metal castings, welds, soldered joints, and also study crystals sensitive to radiation," Dr. Humphreys said.

When not in use, the source is lowered by remote control into a grease pit which contains a lead safe with six-inch walls. In operation, the source is viewed with a periscope from behind a protective wall. Every precaution has been taken to protect staff members from dangerous radioactive rays.



"This is your 'nightie,' Elio Mae — you've got on my street, dress again."

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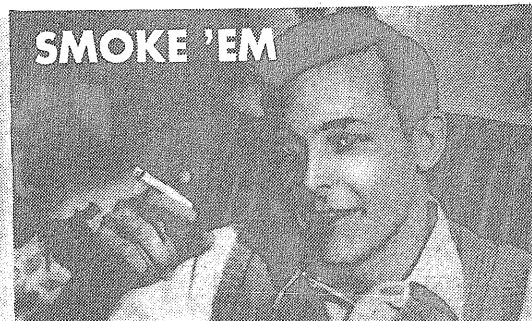
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