In order to explain the details of the various programs through which MIT students may spend their summer in Europe, the Foreign Opportunities Committee will hold a meeting tomorrow in cooperation with the Placement Service.

The main topic of discussion will be MANSET International Association for the Exchange of Students for Technical Experience, for which there will be handouts and other pertinent information available.

It is especially noteworthy that this meeting, scheduled for 5 p.m. in the Bush Room, will be the last opportunity to obtain information on the various programs, since the application deadline is within the next two weeks.

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**Placement Bureau sets meeting to discuss job opportunities abroad**

**Tech Outing Club in 25th year**

By Jeff Salmeron

With over 250 members this year, the MIT Outing Club makes one of the most popular organizations on campus. Even so, many students are unaware of the broad range of activities the club sponsors.

MITOC belongs to a New England region group, of outing clubs known as ICA — Intercollegiate Outing Club Association. Formed originally at Dartmouth in 1932, the association spread throughout New England and reached MIT in 1949.

Open year in NH

MITOC offers members of the MIT community the opportunity to enjoy various forms of outdoor living with the aid of skilled leadership and proper equipment. The outing year opens with a week-end trip to the club cabin in New Hampshire.

Before the snow starts, a great deal of rock-climbing takes place. Practice and lessons in this arduous sport are given at the Quincy Quarries nearby, and the real thing is done in the Shawangunk Mountains in New York. ICA supplies climbers with ropes, pants, karabiners, and other needed items and supplies inexperienced climbers with experienced leaders. Frequently, the trip may take a short detour at Smuggler or Mt. Holyoke to engage some recreation, or if the weather is prohibitive, simply to engage in some other sport.

Caving popular

Caving, one of the most popular activities, begins in early fall. The club owns seven caves, and plans to do some whitewater caving in the near future. Throughout the fall, there are hiking trips and bicycling.

For those with underground ambitions, the club sponsors many spelunking trips to the off-the-grid caves of New England, some of which are still not completely charted. In the spring, there is a trip to some caves in West Virginia.

The Thanksgiving Holiday brings the traditional Turkey-in-a-bento mountain-climbing trip up Mount Katahdin. For those who find mere freezing weather too easy, there is a winter mountain-climbing school to teach the ambitious climber the art of ice-climbing, igloo-building, and snow-cave-making. In other words, you learn how to survive in the world's worst weather.

MITOC supplies all the equipment for these trips.

**Dances offered**

In addition, for those souls who are a little too weak for the rough stuff, or for those whose souls are worn through from participating in such, the club offers folk-dancing, square-dancing and general get-togethers. Wednesday night, December first, the club is holding a Honolulu party. The Honolulu is a very difficult fest; beautiful Swedish dance, and club president, Bobby McFarland '56, invites all interested to come to the MITOC room in the student center.

For more information about club activities, check the bulletin board in Building 2, and the club newspaper, "Grappelft."

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**We set out to ruin some ball bearings and failed successfully**

The Bell System has many small, automatic telephone offices around the country. The equipment in them could operate unattended for ten years or so, but for a problem.

The many electric motors in those offices needed lubrication at least once a year. Heat from the motors dried up the bearing oils, thus entailing costly annual maintenance.

To stamp out this problem, many tests were conducted at Bell Telephone Laboratories. Lubricant engineer George H. Kitchen decided to do a basic experiment that would provide a motor with the worst possible conditions. He deliberately set out to ruin some ball bearings by smearing them with an icky gunk called molybdenum disulfide (MoS2).

Swock! This solid lubricant, used a certain way, actually increased the life expectancy of the ball bearings by a factor of ten! Now the motors can run for at least a decade without lubrication.

We've learned from our "failures." Our aim: investigate everything.

The only experiment that can really be said to "fail" is the one that is never tried.

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**Swock!**

This solid lubricant, used a certain way, actually increased the life expectancy of the ball bearings by a factor of ten! Now the motors can run for at least a decade without lubrication.

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**Intramural bridge begins this week**

The intramural team-of-four competition sponsored by the Bridge Club will be starting within the next week. The 25 teams entered are separated into seven leagues. Following round-robin matches within the leagues, the leading teams will begin a single-elimination tournament. All teams already entered should receive within this week a schedule of games. Favored teams include last year's winner AEPi "A," and Burton First.

Entries will still be accepted to fill empty spaces within the leagues. To enter, contact Jeff Passel, Burton House 130, dl 9-138, or x526.