

Metals, Research building dedicated

SYKES OPENS CAN

Argentina declared Pro-Ally

"The Argentine people are definitely pro-United Nations," declared Doctor Francis W. Godwin, assistant director of the Armour Research Foundation, after a 25,000 mile trip through the South American nation.

The apparent coolness of Argentina toward the United Nations has been largely a matter of governmental policy and not representative of the people's opinion. Foreign policy has been determined by an unpopular vice-president, now president because of the former chief executive's untimely death. However, the political aspect of the journey was of minor importance.

Doctor John A. Hopkins, economist with the Foundation, and Doctor J. A. Schellenberger, a bio-chemist, assisted Doctor Godwin in the ten month study of Argentine resources and industry.

Sponsor of the research problem was the Argentina Trade Corporation, a subsidiary of the government. Godwin and Hopkins also worked with the Central Bank and the Ministries of Finance and Agriculture.

Government Sponsors Research

"A firsthand knowledge of industry, transportation, agriculture, schools, and universities was necessary before an accurate analysis could be presented," explained Doctor Godwin.

The scientists took field trips into virtually every province and territory, through the jungles in the north, along the Andes in the west, and among the rich agricultural valleys.

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Tech Timetable

Tuesday

- 2:00—ITSA settles affairs in Faculty Grill
- 4:30—Honor I confabs in U2E
- 5:00—Orchestra practice in main hall of the Union
- 5:30—TechNews managing board allots space in News Offices
- 4:00—IIT and Concordia tangle in basketball here

Wednesday

- 4:30—Wheaton and IIT wrestle in the little gym
- 5:10—SUBC wrangles in Faculty Grill

Thursday

- 4:30—IIT and Chicago Teachers settle basketball scores here
- 6:30—'43 Integral banquet downtown
- 7:45—AICHE smoker holds forth in Union Lounge

Friday

- 10:00—Dr. Hayakawa addresses freshmen assemblage in main hall of the Union.

Col. J.L. Walsh speaker at conference

Professor Stanton E. Winston announces that the speaker for the All Engineers' Dinner held in connection with the Midwest Power Conference to be held April 8-9, will be Colonel James L. Walsh, U.S. Army. Colonel Walsh, a West Point graduate, was the first ordnance officer in the world to work out a plan for putting ordnance material upon a mobile basis. He organized the mobile repair shops and the ordnance depot companies for the first forty-four divisions of the American Expeditionary Forces in World War I.

In recognition of this outstanding service, Colonel Walsh was awarded the Distinguished Service Medal on the recommendation of General John J. Pershing. He has since been awarded the Crozier Gold Medal for contributions to national defense, and is now the chairman of the War Production Committee of the American Society of Mechanical Engineers, in which capacity he will address the Midwest Power Conference.

The Milwaukee Engineering Society will cooperate with the Illinois Institute of Technology in holding the Midwest Power Conference to be held at the Palmer House. The

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Selective service status clarified at class meetings

President Heald and Professor John Schommer addressed the Sophomore class on Wednesday, and the Junior class on Thursday, January 13 and 14, concerning their status with respect to selective service. Professor Schommer revealed that all engineering students who have completed thirty-five hours of college credits are eligible for deferment provided their scholastic standings are up to par. He urged that all sophomores not already enlisted in any of the reserve corps, remain in school. Schommer brought forth the need for engineers both in industry and in the armed forces, and he promised that the school would do all in its power to secure deferments for students subject to immediate induction.

President Heald supplemented Schommer's address by clarifying the position of the reservists. Army reservists will be called at the end of this semester for thirteen weeks of basic training after which they may be assigned to specialized training. The type of specialized training will depend upon the individuals' grades and the results of army aptitude tests. To date no mention has been made of the Army Air Corps, Navy, or Marine Reserves so that it is assumed they will complete the next semester.



Mr. Wilfred Sykes, president of Inland Steel Company and member of the Board of Trustees of IIT, is shown turning the switch which began the dedication ceremony of the new Metals and Minerals Building.

Doctor Francis Godwin

Co-op store announces a 6% dividend

The semi-annual general meeting of the Engineers' Co-op Bookstore was held last Friday, at 2:00 p.m. The report on the business done by the Co-op since the meeting last April disclosed that gross sales have totaled approximately \$12,000 and a 6% dividend has been declared. Students may obtain their returns any time now. 110 new members have joined the organization, and a hundred feet of new shelves have been erected. An up-to-date membership list has been compiled and the receipts tabulated. It was also announced that a paid manager was employed for eleven weeks during last summer.

With the election of officers, Irvin Slone, M.E. 3, was elected president to succeed Earl Mills. The new directors on the board are Maximo Langer, M.E. 2; Charles Kill, M.E. 3; and Ray Tubergen, F.P.E. 3. The Co-op classes will elect their representatives to the board next February.

Books have been ordered for most classes for next semester, and President Sloan promises a larger inventory for selection, and better service all the way around.

Each half year four members of the board are elected so that inexperienced men may receive the benefit of the older directors. The retiring members are Henry Altenkamp, Marvin Kessler, Larry Ryan, and Pete Zemaitis.

Ordnance inspectors complete training

Twenty-seven women and six men, ready to go into the front lines of industry, completed war training in ordnance inspection last Saturday at the Illinois Tech's "earn as you learn" program, which pays them \$120 per month while they train.

Graduation exercises were combined with a luncheon, held at twelve noon Saturday at the Morrison hotel, 79 West Madison Street. The principal speakers on the program were two members of the class, selected by their fellow-trainees. They were Mrs. Jean Neill, Chicago, and Joseph Norris, Gary, Indiana.

William Mier, representative of the Chicago Ordnance District, officially welcomed the trainees into the district, where they will be employed. Professor J. S. Kozacka, educational supervisor of ordnance inspection, presented certificates to the 33 graduates. Dean Fred A. Rogers, executive director of war training at Illinois Tech, presided at the ceremony.

Publication scores

One of the many publications of Illinois Institute of Technology is the Technometer. This small but significant industrial newspaper, came into existence shortly after Mr. Ridings was appointed publicity director for the school, over a year ago.

Recently the Technometer was awarded second prize in the newspaper division of the Industrial Editors Association of Chicago, in recognition of the excellent work done by this paper.

Ceremonies opened by wire recorder

The dedication of the new Metals and Minerals Research Building last Monday, January 11, 1943, marked one of the first steps toward the realization of a "Technology Center", the name by which the new campus will be known.

Only one operation, the turning on of the wire sound recorder developed by the Armour Research Foundation, was necessary to stage the entire dedication ceremony. Following the completion of the luncheon, the voice of the master of ceremonies came out of a loud speaker, opened the ceremonies, and introduced the speakers. President Heald was asked to stand and take a bow. He then sat down, relaxed, lit a cigarette, and listened to his own speech, previously recorded. In the same manner Mr. Harold Vagtborg, director of the Armour Research Foundation, listened to his speech as it came over on the loudspeaker.

Guests Tour Building

Following the talks, the foundry operations were set in motion by means of a sound tone. The tone began above the audible range, came screeching in at the high point, roared through to the low point, and passed on below the audible stage. Eighteen minutes after the tone was sounded, the first steel was poured from the induction furnace. While waiting for the first pouring, members of the Foundation demonstrated the forging of magnesium, and exhibited a core blower. Following this the program was concluded with a tour of inspection of the entire building.

The attendance at the dedication was limited to the Board of Trustees of Illinois Institute of Technology, the Board of Trustees of the Institute of Gas Technology, and industrial and research men sponsoring projects at the Research Foundation, along with representatives of the press. It was felt by officials that a dedication ceremony which was entirely mechanized would be appropriate to an institution engaged in industrial research.

Built for the Armour Research Foundation, the building is the first of seven modern buildings planned for the new campus of IIT. It has been constructed and equipped at a cost of a quarter of a million dollars. It is three stories high and includes 500,000 cubic feet of space. Mr. Vagtborg stated that The Metals and Minerals Research Building provides the Armour Research Foundation with the finest facilities in the nation for conducting research in metals and minerals. There is no finer group of instruments in the country. These facilities are available on a non-profit basis to industry of Chicago and the mid-west, and it is our hope the industrialists of this area will make the fullest possible use of them.