

Engineering Week Highlights; Socials, Speaker, and Formal

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U.N.B.

DEVILS DOWN SAINTS

"Science and Engineering" Topic of Dr. Hartz Address

Dr. Richard E. Hartz, B.Sc., M.E.I.C., Honorary Member A.S.M.E., President and Director of Shawinigan Engineering Company Limited will address the students and faculty on Wednesday, February 12th, at 7.30 p.m. in the New Science Building Auditorium.

Dr. Hartz was born in Mardfield, P.E.I., and graduated from McGill University in 1917 after which he enlisted in the Royal Flying Corps and received his commission with the Royal Air Force the following year. In 1920 he joined the Shawinigan Engineering Company and gained exceptional engineering and construction experience before being transferred to the head office in Montreal. In 1935 he was appointed Assistant Chief Engineer; Vice-President, and Chief Engineer and Director, 1947; President, 1952.

Active in the affairs of the Engineering Institute for some years, Dr. Hartz was Chairman of the Montreal Branch in 1941; Member of the Council 1942-43-44; Treasurer, 1948; Vice-President of the Institute and Chairman of its Finance Committee in 1949-50; elected President, Engineering Institute of Canada, May 1955.

In 1948 he was made member of the board of Regents, Mount Allison University, Sackville, N.B., and in 1950 was appointed to the Board of Governors of Sir George Williams College, Montreal. Dr. Hartz received his LL.D. from Mount Allison University in May, 1952.

After Dr. Hartz's speech, the Cannes Prize winning movie, on the life of Leonardo da Vinci will be shown.

My Thanks!

At this time I would like to express my thanks to all those who have worked on engineering functions throughout the year. Many have generously contributed their time and their ideas to the Winter Carnival, Open House, and the tours. An active program has been planned for Engineering Week, but its success depends upon the participation of all the engineers at U.N.B.

MIKE SCHOFIELD,

President,
Engineering Society



Dr. RICHARD E. HEARTZ Photo by NAKASH

From Our Dean:

This year, for the first time, it is my privilege and pleasure to address the University Community through the Engineering edition of the Brunswickan.

The Engineering faculty has grown from a modest beginning over a century ago to become the largest on the campus with a record enrollment of 623 students. This growth is apparent not only in the number of students and faculty, but also in the facilities and courses now available. The official opening of the new wing of the building was marked by the publication, by the University of a special brochure and an "open house". The latter was organized entirely by our students, and its success is due to their efforts. There is no doubt that each department, and indeed, each course, has benefitted very considerably as a result of this addition to the building. Without this space it would have been necessary to discontinue several courses in the current year.

The increased enrollment of

recent years is continuing to impose heavier burdens upon the Engineering Faculty and even the problem of space will rise again in a year or two. Many courses require more sections than before, and it is imperative that the faculty be increased to cope with such numbers.

The developments in space vehicles have accelerated the reappraisal of Engineering curricula which has been going on, particularly in the United States, in recent years. The rapid technological advances in all fields since World War II have amply demonstrated that it is impossible to learn all the principles and practice of any one branch of engineering within the period of undergraduate study. The trend in many engineering schools has been away from the details of practice, with greater emphasis on the understanding and application of the fundamental principles found chiefly in the fields of mathematics and physics. This trend is probably more evident in electrical engineering than in

The University of New Brunswick Red Devils took the first place in the NB-PEI Intercollegiate Hockey League by whipping Saint Dunstan's University 8-4, last Saturday night in Charlottetown.

The Red Devils came up with an effort that equalled or bettered their play in the Mount Allison game. Led by rangy center Sandy MacDonald, the Saints took a 3-2 in the first but fell victim in the final two periods to the relentless forechecking of the Red and Black squad.

Rookie center Bob Soward scored a hat trick to lead the UNB scorers, with Pete Coombes picking up two and the rest going to Parent, Pearson and Morrow. Bud Pearson's goal was the winning counter. Sandy MacDonald scored a hat trick for the Saints and Rod Peters notched the other one.

MacDonald opened the scoring at the seventeen second mark when his shot glanced into the net off Bassett's pads. Coombes tied it up just twenty-three seconds later, scoring from a scramble. MacDonald put the Saints one up at the six minute mark when his slap shot from forty feet out after being partially stopped, trickled into the corner of the net. Peters put SDU two up on a pretty goal when he stickhandled by two UNB players, cut in front of the net, ducked Bassett and tucked the puck home. Coombes' goal at the 17.45 mark left the Devils down one as the period ended.

Play was rough in the first period with a lot of high sticking and boarding going on. This came to a climax near the end of the period as Morrow and Kane paired off. Both got double minors while the Devils captain also received a misconduct.

In the second period Currie McCarthy set up the first scoring play when he dipsie-doodled around Trainor and shot. Galen Parent was right on the spot to sink the rebound. At the halfway

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Bus to Mount "A"?

Plans are going ahead for a chartered bus to carry interested UNB students to the first Mount Allison Winter Carnival.

The bus is to leave Fredericton at 9:00 A.M. Saturday the 15th of February, the return after the closing dance. The Students will be able to take in all the athletic events and the special Winter Carnival dance that evening. All students who travel to Mount Allison on the Bus will receive a special rate of admission to all Carnival events.

Tickets are on sale today and tomorrow from 1:00 to 2:00 P.M. in the Music Room of the Students' Centre.

The chartered bus question has not yet received the official sanction of the SRC, and no information to this effect was available at press time.

The Wassail . . .

Saturday's Wassail was the most successful that UNB Engineers have yet held. One hundred and twenty attended the excellent dinner at the Kent Inn. Head table guests included President McKay, Dean Dineen, Professor Wheatley, Professor Beattie, and Mr. R. P. Lynch, who represented the local branch of the E.I.C. The entire evening was characterized by a friendly atmosphere, assorted humour, and, in the background, good organization. To Jim Evans, chairman of the Engineering Society's Social Committee, goes a great deal of the credit for making this year's Wassail the best yet.

other branches of the profession. Probably the basic reason for this tendency to concentrate on principles in university courses is the greater depth of understanding required to cope with the more complex problems arising from the application of the scientific discoveries of recent years. Students still graduate at about the same age, making it necessary for some of the old

established courses to be modified or eliminated. Your Engineering faculty is aware of these trends and also of the diversified and sometimes conflicting demands of different phases of Industry. A revision of part of the curriculum went into effect this year. It is probable that changes will continue to be made as we attempt to meet the growing need for a more fundamental

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