

# MCGILL UNIVERSITY

SESQUICENTENNIAL 1821-1971



## CONVOCATION

FACULTY OF ENGINEERING,  
SCHOOL OF ARCHITECTURE  
AND  
FACULTY OF MANAGEMENT

FOR CONFERRING UNDERGRADUATE and GRADUATE DEGREES  
IN ENGINEERING, ARCHITECTURE AND MANAGEMENT

AND

GRADUATE DIPLOMAS IN ENGINEERING AND MANAGEMENT

SIR ARTHUR CURRIE MEMORIAL GYMNASIUM

THURSDAY, 3rd JUNE, 1971

at 10:00 a.m.

### **Convocation Marshals**

PROFESSOR T. J. PAVLASEK

PROFESSOR TALAT SALMAN

PROFESSOR R. LAYBOURN

### **Scarlet Key Award Winners**

FREEMAN CHAN ..... (Architecture)  
MICHAEL W. EVANS ..... (Engineering)  
PETER HERSCOVITCH ..... (Engineering)  
RONALD DALFEN ..... (Engineering)

### **Graduates' Society Representatives**

RALPH SEGAL ..... (Architecture)  
RICHARD HAGEN ..... (Chemical Engineering)  
HARVEY SHANEFIELD ..... (Civil Engineering)  
TOM VIRBALL ..... (Electrical Engineering)  
STEPHEN SAVIDANT ..... (Mechanical Engineering)  
MICHAEL HUMPHRIES ..... (Mining and Metallurgical  
Engineering)  
HOWARD BERNSTEIN ..... (Management)

### **President, Commerce Undergraduates' Society**

NORMAN VILNER

### **President, Graduate Business Students' Society**

ANDRÉ BOUDREAU

MUSIC ARRANGED BY

PROFESSOR DONALD MACKEY OF THE FACULTY OF MUSIC

# Order of Proceedings

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## 1. Academic Procession.

2. **Prayer:** The Reverend E. Clifford Knowles.

## 3. The Principal.

## 4. Conferring Degree of Bachelor of Commerce:

*Candidates presented by Professor H. I. Ross,  
Dean of the Faculty of Management.*

- ▲ASTON, Nicholas John Timothy . . . . Bungay, Suffolk, England  
AVARD, Roger . . . . . Quebec, Que.  
▲BAKER, William Donald . . . . . Ottawa, Ont.  
BALANTZIAN, Amina . . . . . Montreal  
BENJAMIN, Paul Harris . . . . . Montreal  
BERNSTEIN, Howard Steven . . . . Montreal  
University Scholar;  
Distinction in the General Programme.  
BERRIGAN, Franceen Anne . . . . . St. Lambert, Que.  
BISHIN, Robert Alan . . . . . Montreal  
▲BLADES, Michael Andrew Edward . Hastings, Barbados, W.I.  
▲BOBINSKI, Raymond John . . . . . Montreal  
Honours in Economics.  
BOSINA, Joseph . . . . . Montreal  
▲BOURBONNAIS, Claude . . . . . Montreal  
BRAJTMAN, Alan . . . . . Montreal  
▲BUCKLEY, Simon Graham . . . . . Walshawbury, Lancs,  
England  
▲BUSSOLI, Mario Alberto . . . . . Oslo, Norway  
CHAN, Kwok Fan . . . . . Kowloon, Hong Kong  
Honours in Economics.  
CHARTERS, James . . . . . Montreal  
CHIN-YEE, Merrell . . . . . Pointe Claire  
CLUBB, Gordon Fraser . . . . . Ottawa, Ont.  
CONYERS, Robert Harold . . . . . Montreal  
CORISTINE, James S. . . . . Montreal  
Major in Mathematics.  
CÔTÉ, Jean . . . . . Montreal

▲*In Absentia*

- COTTERELL, Christopher H. . . . . Montreal
- ▲ DAVENPORT, Christopher James .. London, England  
Honours in Economics.
- DEMEULEMEESTER, John . . . . . Montreal
- DESFORGES, John . . . . . Montreal
- DESNOYERS, Raymond . . . . . Longueuil, Que.
- DOUMANI, Robert George . . . . . Windsor, Ont.  
Distinction in the General Programme.
- DOUTRE, Gerald . . . . . Roxboro
- DUBIN, Brahm . . . . . Montreal
- DUMOUCHEL, Pierre . . . . . Clarenceville, Que.  
Distinction in the General Programme.
- DUVAL, Robert . . . . . Montreal
- EADIE, Donald Edgar . . . . . Mount Pleasant, Ont.
- EISELE, Herman . . . . . Montreal
- ENG, Andrew Han-Ying . . . . . Montreal
- FARAH, Nora . . . . . Montreal
- FARRUGIA, Anthony . . . . . Sidcup, Kent, England  
Distinction in the General Programme; Major in Economics.
- FEIL, Michael Joseph . . . . . Montreal  
University Scholar.
- ▲ FERGUSON, Phillip John . . . . . Lachine
- FOX, Seymour . . . . . Montreal
- FRASER, Alexander Cameron A. . . . . Burlington, Ont.
- FRISHLING, Stephen J. . . . . Hampstead  
Major in Mathematics.
- GARLAND, Jay Godfrey . . . . . Westmount
- GENDRON, Robert . . . . . Montreal
- ▲ GOLDSTEIN, Joseph . . . . . St. Laurent
- ▲ GRONFELDT, Jorgen . . . . . Odder, Denmark
- HAQUE, Furqan Ul . . . . . Ottawa, Ont.
- HARRIS, John Alexander . . . . . Pointe Claire
- ▲ HENDERSON, Robert Howard . . . . . Town of Mount Royal
- ▲ HO, Maria Linda . . . . . Montreal
- HOENIG, Hans W. . . . . Montreal
- HUSVEGG, Tor Jan . . . . . Montreal
- HYMAN, Peter . . . . . Montreal  
University Scholar; Distinction in the  
General Programme; Major in Economics.
- HYSLOP, Donald Scott . . . . . Town of Mount Royal  
Honours in Economics.
- JACOBS, Franklin Gordon . . . . . Roxboro
- ▲ JOHANSEN, Anthony . . . . . Montreal
- KABACK, Paul . . . . . Montreal
- KAPLAN, Stephen . . . . . Montreal
- ▲ KARIM, Nazim . . . . . Nairobi, Kenya

- ▲KERRIGAN, Timothy David . . . . . Westmount  
 KREITZER, Maurice . . . . . St. Laurent  
 LAMOUREUX, Louise Marie C. . . . . Shawbridge, Que.  
 Major in Industrial Relations.
- ▲LANYADOO, Nissim . . . . . Montreal  
 LAWI, Albert . . . . . Geneva, Switzerland  
 LEBLOND, Jean-Marc . . . . . Duvernay, Que.
- ▲LEFEBVRE, Lynn Agnes . . . . . Town of Mount Royal  
 LENCZ, John Nicholas . . . . . Montreal  
 LEUNG, Sai-Cheung Eric . . . . . Kowloon, Hong Kong  
 University Scholar;  
 Great Distinction in the General Programme;
- LITHWICK, Jonathan Grover . . . . . Westmount  
 LOPES, Maria Lourdes . . . . . Kowloon, Hong Kong  
 Distinction in the General Programme.
- LOU, Anthony Tsen Juen . . . . . Dolbeau, Que.  
 LOWDEN, Blake . . . . . Calgary, Alta.  
 MANEL, Philip . . . . . St. Laurent  
 Distinction in the General Programme.
- MAQSOOD, Mohammed Shahid . . . . . Montreal  
 MÁRTZ, Timothy Donald . . . . . Ottawa, Ont.
- ▲MATURO, Nicholas . . . . . Montreal  
 Joint Major in Economics and Political Science.
- McLACHLAN, William Leonard . . . . . Pierrefonds  
 MEMON, Abdul Waheed . . . . . Montreal  
 MENDELSON, Max . . . . . Montreal  
 MICHAEL, Irwin Allan . . . . . St. Laurent  
 MILLMAN, Marc . . . . . Montreal  
 MITCHELL, Hugh Ian . . . . . Woodford Green, Essex,  
 Major in Industrial Relations. England  
 MOSHOPOULOS, Gerry Robert . . . . . Lachine  
 Major in Economics.
- ▲NELSON, Leif Erik . . . . . Oslo, Norway  
 NEMBHARD, Dervis Lyn . . . . . Montreal  
 Major in Economics.
- NYMAN, Jason Jay . . . . . Montreal  
 OKKER, Rudolf Richard . . . . . Montreal  
 University Scholar;  
 Great Distinction in the General Programme;  
 Commerce '25 Award.
- OLIVER, Peter Charles Howard . . . . . Banket, Rhodesia
- ▲PANASUK, Christine Anne . . . . . St. Léonard  
 PARADISI, Nicholas . . . . . Montreal  
 Honours in Economics.
- ▲PARENTEAU, Michel . . . . . Montreal  
 Montreal Stock Exchange and  
 Canadian Stock Exchange Prize (shared).

- PELLERIN, Michel ..... Ste. Agathe des Monts,  
Que.
- PEMBERTON, David Milton ..... Duvernay, Que.  
Major in Economics.
- PILOZZI, Bruno ..... Montreal
- PLANT, Leonard Alan ..... Buenos Aires, Argentina  
Honours in Economics.
- POTVIN, André Laurent ..... Duvernay, Que.
- READ, John Russell ..... Brantford, Ont.
- ROSENHEK, Henry ..... Montreal
- ▲RUDDICK, Mary Elizabeth E. .... Montreal  
Distinction in the General Programme;  
Major in Economics.
- ▲RUDICK, Edward S. .... Montreal
- RUNKLE, John D. .... Montreal
- RUSCITO, Gina ..... Montreal
- SAINTE MARIE, Richard ..... Montreal
- ▲SARGENT, Fitzwilliam ..... Gilbertsville, N.Y.  
First Class Honours in Economics.
- ▲SAUVÉ, Michel ..... Montreal
- SAWANIAK, Jan ..... Montreal
- SCHEEL, Jorgen Ulrich ..... Montreal
- SCHNEIDER, Stewart Craig ..... Pointe Claire
- SCHUBERT, Robert Barry ..... Westmount
- SEIF, Abdel-Kawi ..... Montreal  
Distinction in the General Programme;
- SELTZER, Michael ..... Hampstead
- SHETZER, Burl Jack ..... Montreal  
Montreal Stock Exchange and  
Canadian Stock Exchange Prize (shared).
- SHIPLEY, John Robert ..... Montreal
- SIMONS, Robert Leslie ..... Beaufort  
Major in Economics.
- SINGER, Donald ..... Montreal
- SMARDON, Robert John Bigelow .. Montreal  
Honours in Economics;  
Sir Edward Beatty Memorial Medal.
- SOROKA, Berl ..... Montreal  
Joint Honours in Economics and Accounting.
- ▲SOUSA, Gary Eldon ..... Pembroke, Bermuda  
Joint Honours in Economics and Accounting.
- SPIRO, Michael ..... Cote St. Luc
- STANYON, David G. .... Montreal
- STAPPELLS, Richard Graham ..... Montreal
- STEER, John Wilfred ..... Montreal
- STOBER, Richard S. .... Montreal

- STRATHDEE, Malcolm Cormack .. Montreal  
 TAN, Min Cho ..... Sandakan Sabah, Malaysia  
 TARRY, Nigel Vaughan ..... Painswick, Glos., England  
 ▲THOMPSON, Judean Octavia ..... Montreal  
 TROTTA, Andrew ..... Montreal  
 Honours in Economics.  
 VASILKIOTI, George ..... Montreal  
 VERNON, Richard Wentworth ..... Church Oakley,  
 Hants, England  
 VILNER, Norman ..... Town of Mount Royal  
 VIRBALL, Joseph Ronald ..... St. Laurent  
 VOTICKY, Michael P. .... Montreal  
 Major in Economics.  
 ▲WHITING, Elizabeth Anne ..... Hudson Heights, Que.  
 ▲WHITMORE, Peter Alexander ..... Regina, Sask.  
 WOLFE, Richard J. .... Montreal  
 WU, Peter King-Sai ..... Ottawa, Ont.  
 University Scholar;  
 Distinction in the General Programme.  
 YEAP, Leong Aun ..... Penang, Malaya  
 University Scholar;  
 Great Distinction in the General Programme;  
 Thorne Gunn Prize.  
 ▲YIPTONG, J. Sylvestre C. S. K. .... Port Louis, Mauritius  
 University Scholar;  
 Distinction in the General Programme;  
 Clarkson Gordon & Co. Prize.  
 ▲ZELEDON, Carlos M. .... San Jose, Costa Rica

## 5. Conferring Degree of Bachelor of Science (Architecture)

*Candidates presented by Professor John Bland,  
 Director of the School of Architecture.*

- ABER, Stephen Ross ..... Montreal  
 ▲AGNEW, Mark Baker ..... Toronto, Ont.  
 ALT, Isaac ..... Montreal  
 BENNETT, James Carman ..... Grand Centre, Alta.  
 BINETTE, Jacques ..... Victoriaville, Que.  
 CAVANAGH, Edwin Harold ..... Pointe Claire  
 CHERRIER, Raymond Michel ..... Montreal  
 CORDEAU, Barbara Brenda ..... Westmount  
 COVO, David Mario ..... Beaconsfield  
 DAVIDSON, Elizabeth Jane ..... Montreal  
 EIDELBERG, Jack ..... Montreal  
 EKS, Valdis Maris ..... Montreal

▲FELDSTEIN, Robert Jack	St. Laurent
FISCHER, Karl	Montreal
▲FRASER, Jaine Elizabeth	Sackville, N.B.
GABOR, Peter Andrew	Montreal
▲HALL, Daniel	Oshawa, Ont.
HUGHES, John Barclay	Lachine
JAY, Hanson	Hong Kong
KAMADA, John Susumu	St. Catharines, Ont.
LAHT, William Vello	St. Catharines, Ont.
LAM, Rosalie Te-Hue	Burnaby, B.C.
LIEU, Jerry	Montreal
LO, Hung-Lup Philip	Hong Kong
▲MacKINNON, Charles P.	Montreal
MASON, Terence John	Pierrefonds
▲MENDELL, Felice Rhea	Montreal
MERSON, Lionel	Montreal
▲MILL, Donald Robertson	Montreal
▲MINNIS, Edward Anthony	New Providence, Bahamas
MORRISON, Richard Hugh	Gabriola Island, B.C.
POPPER, George	Montreal
With Distinction.	
ROBSON, Richard William	Calgary, Alta.
ROTH, Othmar Ernest	Laval des Rapides, Que.
▲RUUD, Oystein Olaf	Norway
SANTO, Richard	St. Lambert, Que.
SCORGIE, Russell James	Windsor, Ont.
SIJPKES, Pieter Hindrik	Eindhoven, Holland
STANLEY, Robert Douglas	Montreal West
TAKEFMAN, Earl Tower	Montreal
VELY, Daniel Jean	Montreal
▲VILNIS, Erik	Sweden
▲WEXLER, Barry Michael	Chomedey, Que.
▲WHITE, Richard Michael	Dorval
ZUCKER, Leonard	Montreal

## 6. Conferring Degree of Bachelor of Engineering.

*Candidates presented by Professor G. L. d'Ombraïn,  
Dean of the Faculty of Engineering, and introduced by  
the Chairman of the Departments.*

### CHEMICAL ENGINEERING

*Introduced by Professor G. A. Ratcliff,  
Chairman of the Department of Chemical Engineering.*

ANALYTIS, Gerald	Montreal
ANTAKI, Norman Peter	Montreal
Distinction in Chemical Engineering.	



- ARGENTO, Vito ..... Montreal
- BARBACKI, Richard George ..... Montreal  
Distinction in Chemical Engineering.
- CARVER, Francois Georges ..... Montreal
- CHAN, Benjamin Y. H. .... Hong Kong
- DE PAOLI, Sergio ..... Montreal
- DO, Thi Huong ..... South Vietnam  
University Scholar; Distinction in Chemical Engineering.
- EVANS, Michael William ..... Ile Bizard, Que.
- FUGERE, Michel P. .... Ste. Agathe des Monts, Que.
- ▲FUKS, Chaim P. .... Cote St. Luc
- GAREWAL, Devinder Singh ..... New Delhi, India
- GOLDBERG, Michael ..... Montreal
- HUTTON, Michael George ..... Greenfield Park, Que.
- JACYNAS, Algirdas ..... Montreal
- ▲JASMIN, Gilles ..... St. Laurent  
Distinction in Chemical Engineering.
- ▲JUNQUERA, Rafael Emilio ..... Caracas, Venezuela
- LAENZA, Michael ..... Montreal North
- LYMAN, Geoffrey John ..... Westmount  
University Scholar; The Ernest Brown Gold Medal for Highest Ability throughout the Undergraduate Course; Society of Chemical Industry Merit Award.
- MAQSOOD, Mohammed Sajid ..... Montreal
- ▲MARCOUX, Jean Claude ..... Montreal
- MARK, Kwong Leong ..... St. Lambert, Que.
- ▲NGUYEN, Huu Thuy ..... South Vietnam  
Distinction in Chemical Engineering.
- NGUYEN THUONG, Chanh ..... South Vietnam  
Distinction in Chemical Engineering.
- ▲RYAN, Michael Edward ..... Montreal
- SCHACHTER, David B. .... Montreal
- SILVER, Arnold ..... Montreal  
University Scholar.
- ▲SIT, Song Ping ..... Hong Kong  
University Scholar; The British Association Medal for Great Distinction in Chemical Engineering.
- SOLLAZZO, Vincent James ..... Montreal
- TORO, Lucy ..... Montreal
- UHLIR, Mirel ..... Pribram, Czechoslovakia
- VELENTZAS, Angelo ..... Montreal
- VROOM, Robbert W. J. .... Leiden, Netherlands  
Distinction in Chemical Engineering.

- WALKER, John William ..... Montreal  
 Distinction in Chemical Engineering.
- ▲WASSERLAUF, Mark ..... Montreal
- WHITTY, William Hubert Rigby ... Town of Mount Royal
- ZALOUM, Ronald ..... Outremont

## CIVIL ENGINEERING

*Introduced by Professor J. O. McCutcheon,  
 Chairman of the Department of Civil Engineering.*

- ADLER, Charles David ..... Montreal
- ALLAN, Adam Scouller ..... Cornwall, Ont.
- ALTMAN, Manuel ..... Montreal
- ▲BANKO, Walter ..... Greenfield Park, Que.
- ▲BERGER, Iosif Z. .... Montreal
- BROWN, Howard David ..... Chomedey, Que.
- CARR, David Graham ..... Valois
- ▲CHACOUR, Samir Antoine ..... Egypt, U.A.R.
- CHAN, Wan Kit Peter ..... Hong Kong
- CHHUAN, Boroth ..... New York, N.Y.
- CLARK, Bruce Douglas ..... St. Lambert, Que.
- COLASURDO, Johnny ..... Chomedey, Que.
- DARCHE, Pierre J. .... Montreal
- DECARIE, Marc ..... Montreal
- DMYTRUK, Bohdan ..... Montreal
- EWENSON, Gerald Joseph ..... Verdun
- GARIEPY, Michel ..... Three Rivers, Que.
- ▲GRUBERT, Arthur Trail ..... Hudson Heights, Que.
- KHAN, Astraph ..... Montreal
- LEE FATT, Leonard George ..... Jamaica, W.I.
- ▲MIRZA, Farooque Mohammed A. ... Karachi, West Pakistan  
 Robert Forsyth Prize in Civil Engineering.
- MORAIS, Robert Bruce ..... Jamaica, W.I.
- PETERSON, Douglas Milton ..... Beaconsfield
- ▲RAYMOND, Charles B. .... Grafton, Ont.
- SALEM, Harry ..... Chomedey, Que.
- SHANEFIELD, Harvey Morris .... Montreal
- ▲STEPHENS, Robert Merrick ..... Jamaica, W.I.
- ▲VICKERS, Donald George ..... Verdun
- ▲WONG, Chi-Kwong ..... Hong Kong  
 McConnell Scholar; British Association Medal for  
 Great Distinction in Civil Engineering.

# ELECTRICAL ENGINEERING

*Introduced by Professor G. W. Farnell,  
Chairman of the Department of Electrical Engineering.*

## REGULAR COURSE

AMEY, Allan F. ....	Pointe Claire
ATKINSON, James Douglas ....	Montreal
AZER, Anwar Adly ....	Montreal
▲BAIN, Hugh Ross Robert ....	Cooksville, Ont.
BALFOUR, Davison Russel ....	Dorval
BARMISH, Bobby R. ....	Montreal
BARTH, David Lewis ....	Montreal
▲BERKOVITS, Ivan ....	Chomedey, Que.
BORYCHOWSKI, Abraham ....	Chomedey, Que.
CADIEUX, Raymond William ....	Brossard, Que.
CHAN, Alex Ming Cheung ....	Hong Kong
CHAN, Miu Cheung Charles ....	Hong Kong
DE KOOS, Peter Robert ....	Montreal
ENGELBERG, George Philip ....	Cote St. Luc
FRAZER, David Lawrence ....	LaSalle
GALLANT, Robert E. ....	Pointe-aux-Trembles
GAUTHIER, Joseph André ....	Greenfield Park, Que.
GEADAH, Youssef ....	St. Léonard
GROSZ, Michael ....	Montreal
HABER, André Daher ....	Mount Royal
HADJIS, Angelo ....	Montreal North
HEWITSON, Andrew Phillip ....	Beaconsfield
▲HORSKY, Ernest ....	Montreal
IKEMAN, Harvey Allen ....	Montreal
▲JACK, Edmond Arthur ....	St. Lambert, Que.
KADIVAR, Massy ....	Iran
▲KUNGLER, Patrick J. M. ....	Montreal
LAU, Chu-Keung Paulman ....	Hong Kong
Distinction in Electrical Engineering.	
LEE, Stephen Lap Yee ....	Montreal
LO, Patrick Kam Wing ....	Hong Kong
LUI, Chi Shing James ....	Hong Kong
—LUI, Chu Nam Joseph ....	Hong Kong
MARCHIONNI, Silvano ....	Montreal
▲MARSHALL, John Kenneth ....	Lachine
▲MATYAS, Robert ....	Cote St. Luc
NGUYEN, Dat Dung ....	South Vietnam
NGUYEN, Phuong Anh ....	South Vietnam
NOEL, Laurent R. ....	Laval des Rapides, Que.
ODDOYE, Samuel O. ....	Ghana

- OSTIGUY, Daniel ..... Brossard, Que.  
 PETERSEN, Carl Otto ..... Sandvika, Norway  
 ▲PITTARELLI, Mario ..... Montreal  
 PRIFTIS, Nicholas ..... Laval, Que.  
 RAND, James Peter ..... Chateauguay Centre, Que.  
 RAY, Gary Philip ..... Verdun  
 RAYMAN, Syad Arif ..... Guyana, S.A.  
 RITCHUK, Ronald R. .... Montreal  
 RUSS, Jack ..... Montreal  
 SARKAR, Zai-Nul Amin ..... Trinidad, W.I.  
 ▲SHAHIN, Sammy ..... Montreal  
 SHAPIR, Ben Ami ..... Montreal  
 SHIH, Andie Eng-Ti ..... Republic of Singapore  
 SHIH, Jar Yi Johnny ..... Jersey City, N.J.  
 SIMKOVER, Howard John ..... Montreal  
 University Scholar; British Association Medal for  
 Great Distinction in Electrical Engineering.  
 STARCK, Axel Peter ..... Beloeil, Que.  
 STELJES, Ian Robert ..... Deep River, Ont.  
 STEVENSON, Kenneth John ..... Verdun  
 ▲SUTHERLAND, Allan Richard .... Verdun  
 Distinction in Electrical Engineering.  
 ▲VIRBALL, Thomas S. .... St. Lambert, Que.  
 WEE, Sun ..... Republic of Singapore  
 WOO, Gary Chew G. .... Montreal  
 ▲WOOD, Bruce James ..... Willowdale, Ont.  
 Distinction in Electrical Engineering.  
 ▲YEE, Stanley ..... Montreal

### HONOURS COURSE

- BENJAMIN, Marvin Nathan ..... Montreal  
 McConnell Scholar; The C. Michael Morssen Gold Medal  
 for exceptional Engineering promise; Great  
 Distinction in Electrical Engineering (Honours).  
 BENJAMIN, Theodore William .... Montreal  
 McConnell Scholar; British Association Medal for  
 Great Distinction in Electrical Engineering (Honours).  
 BIRNBAUM, Charles Wilton ..... Baie d'Urfé  
 University Scholar.  
 CHOI, Francis Man Hong ..... Hong Kong  
 DALFEN, Ronald W. .... Montreal  
 ELIAS, Demetrius Zacharias ..... Montreal  
 GIUSTINI, Raymond Daniel ..... Montreal  
 GUSSMAN, Jonathan Arthur ..... Montreal

- HARRIS, John Gregory ..... Willowdale, Ont.  
University Scholar; Distinction in Electrical  
Engineering (Honours).
- HERSCOVITCH, Peter ..... St. Laurent  
Distinction in Electrical Engineering (Honours).
- JAVOR, Milan ..... Montreal  
McConnell Scholar; Distinction in Electrical  
Engineering (Honours).
- LUK, Sing Fai ..... Hong Kong  
University Scholar; Distinction in Electrical  
Engineering (Honours).
- PAUL, John Lawrence ..... Montreal
- ▲TSANG, Robert Chuen Bong ..... Hong Kong  
University Scholar.
- TSUI, Shing Tat ..... Hong Kong  
University Scholar; Distinction in Electrical  
Engineering (Honours).

## MECHANICAL ENGINEERING

*Introduced by Professor B. G. Newman,  
Chairman of the Department of Mechanical Engineering.*

- ARMANO, Luigi ..... Montreal  
University Scholar.
- ASSAAD, Magdi ..... Montreal
- BEDIKIAN, Hovannes-Kevork ..... Egypt, U.A.R.  
University Scholar; British Association Medal for  
Great Distinction in Mechanical Engineering.
- BENSON, Kirk Warren ..... Pointe Claire  
Distinction in Mechanical Engineering.
- BRADDOCK, Timothy Francis ..... Toronto, Ont.
- BRIDGEWATER, Edward Reed ..... Montreal
- BROWN, Grant ..... Lachine
- BUCHANAN, Douglas Arthur ..... Cap de la Madeleine, Que.
- CHAN, Kai Shing Louis ..... Hong Kong
- CLEVEN, Alan ..... Montreal
- CORBETT, Kenneth Ellard ..... Scarborough, Ont.
- DESZYNSKI BURZA, Andrew W. .. Dorval  
Distinction in Mechanical Engineering.
- HOMSY, Nagi Manuel ..... Montreal
- IMAMEDJIAN, Arto ..... Montreal
- ISBITSKY, Alexander Stanley ..... Montreal
- KARASSEFERIAN, Vartan Vahe .. Montreal  
Distinction in Mechanical Engineering.
- KHATCHADOURIAN, Varoujan .. Montreal

- KOPPEL, Arvo Per . . . . . Montreal  
 LAU, King Chun . . . . . Hong Kong  
 University Scholar.  
 LEE, Edmund Han Shing . . . . . Hong Kong  
 ▲LOCHHEAD, Roy Ernest . . . . . Lachine  
 ▲RALBAG, Jonathan . . . . . Israel  
 ROSENEGGER, Lothar W. . . . . Pointe Claire  
 Distinction in Mechanical Engineering.  
 SAMBORSKY, Paul . . . . . Montreal  
 SAVIDANT, Stephen James . . . . . Dorval  
 Distinction in Mechanical Engineering.  
 SPROULE, James Robert . . . . . Ormstown, Que.  
 University Scholar; Distinction in Mechanical  
 Engineering.  
 ▲SSENGENDO-NDUGWA, John N. . Nabingola, Uganda  
 STRICKER, Peter Andrew . . . . . Montreal  
 Distinction in Mechanical Engineering.  
 TENCER, Allan . . . . . Montreal  
 WONG, Kai Yuen . . . . . Hong Kong  
 YEP, Tony Anthony . . . . . St. Léonard  
 YOUNG, John MacGregor . . . . . Peterborough, Ont.  
 YOUNG, Robert . . . . . Montreal  
 Distinction in Mechanical Engineering.  
 ZALZAL, Joseph Amin . . . . . Egypt, U.A.R.  
 Distinction in Mechanical Engineering.

## METALLURGICAL ENGINEERING

*Introduced by Professor W. M. Williams,  
 Chairman of the Department of Metallurgical Engineering.*

- HUMPHRIES, Michael Edward T. . Brownsburg, Que.  
 ▲PRASAD, Chandra Shekhar . . . . . Pierrefonds  
 SLOBODIAN, Stephen W. . . . . Montreal

## MINING ENGINEERING

*Introduced by Professor F. T. M. White,  
 Chairman of the Department of Mining Engineering.*

- BRITT, John Richard . . . . . Montreal  
 R. G. K. Morrison Prize.  
 COBBLAH, Allasan . . . . . Ghana  
 DOBORZYNSKI, Zbigniew B. . . . . Ville d'Anjou  
 McLAUGHLIN, F. Bennett . . . . . Noranda, Que.  
 SETHAPUT, Vissut . . . . . Bangkok, Thailand

## 7. Conferring Degree of Bachelor of Architecture.

*Candidates presented by Professor John Bland,  
Director of the School of Architecture.*

- BEITEL, Ian M. . . . . Montreal  
McConnell Scholar.
- CHAN, Freeman Kaye . . . . . Burnaby, B.C.  
A. F. Dunlop Scholarship (shared); Distinction in Architecture.
- CÔTÉ, Jean-Guy . . . . . Montreal
- DAVIS, Jan Malcolm . . . . . Saint John, N.B.
- DONEFF, Bissera . . . . . Montreal
- ▲DUDA, Klaus Peter . . . . . Sudbury, Ont.
- ESTALL, David William . . . . . St. Laurent
- ▲GEDDE DAHL, Lorentz Petter . . . . . Oslo, Norway
- JOHNSTON, Donald F. N. . . . . Montreal  
A. F. Dunlop Scholarship (shared).
- LABONTÉ, Michel . . . . . Montreal  
Royal Architectural Institute of Canada Medal;  
Distinction in Architecture.
- MARSHALL, Sandra Jane . . . . . Montreal  
University Scholar.
- McGRATH, Francis Gerard . . . . . St. Lambert, Que.
- PINSKY, Barry . . . . . Cote St. Luc  
McConnell Scholar; Hugh McLennan Memorial Scholarship;  
Distinction in Architecture.
- SAHEB, Joseph Ibrahim . . . . . Montreal
- SEGAL, Ralph Robert . . . . . St. Laurent
- SELNAR, Peter Aladar . . . . . Montreal
- SHEK, David Y. M. . . . . Hong Kong
- SHERMAN, Elliot W. . . . . Chomedey, Que.
- ▲SKVOR, Paul G. J. . . . . Montreal
- SZETO, Alfred Kwok Chu . . . . . Hong Kong
- WEISER, Fred . . . . . Montreal
- WRIGHT, Robin Henry . . . . . Montreal
- YUEN, Cheuk Yiu John . . . . . Hong Kong

## 8. Conferring Degrees and Diplomas in the Faculty of Graduate Studies and Research:

*Candidates presented by Professor W. F. Hitschfeld,  
Dean of the Faculty of Graduate Studies and Research.*

### **DIPLOMA IN CHEMICAL ENGINEERING**

- FRANCIS, Kamal Jean, B.Sc. (Cairo), Montreal
- GREICHE, Raouf, B.Sc. (Cairo), Montreal
- HOMSY, Nabil, B.Sc. (Cairo), Montreal
- RAGI, Samir George, B.Eng. (Cairo), Montreal

## DIPLOMA IN CIVIL ENGINEERING

- ARIDA, Botros Peter, B.Sc. (Cairo), Montreal  
ASSIMES, Leonard Thomas, B.A.Sc. (U.B.C.), Montreal  
▲YEOW, Wee-Seng, B.Sc. (Cheng Kung), Montreal

## DIPLOMA IN MECHANICAL ENGINEERING

- ▲LIN, Kuang Chun, B.Eng. (Wu-Han) Longueuil, Que.  
NEUBURGER, André Louis, (Holland), Beloeil, Que.  
NORWOOD, Mervyn Earl, B.Eng. (Nova Scotia Tech.)  
Montreal  
RIAR, Birinder Singh, (Kingston College of Technology),  
Montreal

## DIPLOMA IN MANAGEMENT

- ADDISON, Rosemary, B.Com. (McGill), Montreal  
▲ALLSEBROOK, Alan Eric, B.A.Sc. (U.B.C.), Mississauga, Ont.  
ARVISAIS, Georges Joseph, B.Eng. (McGill),  
Mont St-Hilaire, Que.  
BARCLAY, Douglas George, B.Eng. (McGill), Beaconsfield  
▲BORDUAS, Roger, (Polytechnique-Montréal), Montreal  
▲BRAUDE, Enoch, B.Sc. (Technion), Montreal  
BRUNET, Joseph Adolphe Richard, B.Eng. (R.M.C.), Montreal  
CLARK, Edward Andrew, B.Eng. (McGill), Montreal  
CLOUTIER, William Louis Martin, B.Sc. (McGill), Montreal  
DesBOIS, Richard, B.A., LL.L., (Montréal), Montreal  
DUNSMUIR, James Smith, B.A.Sc. (Toronto),  
Glasgow, Scotland  
EVANS, Brice Allen Fraser, B.A. (U.B.C.), Montreal  
FARRELL, Keith Patrick, B.Sc. (London), Montreal  
FINKELSTEIN, Sidney Mark, B.Eng. (McGill), Montreal  
▲FINLAYSON, William Ralph Norris, B.A.  
(Sir George Williams), Montreal  
GAGNON, Jacques, B.A., LL.L. (Montréal), Montreal  
▲GAGNON, Louis, B.A.Sc. (Montréal), Montreal  
HOWITT, George, B.Sc. (Glasgow), Montreal  
LAFOND, Yves, B.Sc., B.Com. (Ottawa), Longueuil, Que.  
LEIGH, George, B.A. (Loyola-Montréal), B.C.L. (McGill),  
Montreal  
MASSAD, George Joseph, LL.B. (Cairo), Montreal  
MENARD, Pierre Michel, B.A., B.Sc.A. (Montréal), Montreal  
MORRELL, Rodney John, B.Eng. (McGill), Montreal  
▲NABI, Jamil Abdul, B.Sc. (Cairo), M.Sc. (London), Montreal  
NUSCA, Julien Renzo, B.E.Sc. (Western), Montreal  
▲PLAYER, Robert Allen, B.Eng. (R.M.C.), Montreal



- ▲SEMIENCHUK, Theodore Michael, B.Sc.  
(Sir George Williams), Montreal
- SHEK, Sim, B.A.Sc. (Toronto), Montreal
- SHER, Melvin, B.A., B.Eng. (McGill), Montreal
- SOULAT, Jean-François, B.Sc. (McGill), Montreal
- ▲ST. JAMES, Louis, B.M.E. (Clarkson), Chomedey, Que.
- THOMAS, Brian, (Portsmouth College of Technology),  
Dollard des Ormeaux
- ▲WORSLEY, Peter John, B.Eng. (McGill), Montreal

### MASTER OF BUSINESS ADMINISTRATION

- ARONCHICK, Daniel, B.A. (Tufts), Montreal
- AUGAITIS, Joseph, B.Eng. (McGill), Montreal
- BATRA, Arjun Dev, B.Sc. (Delhi), New Delhi, India
- ▲BAYLIN, Edward Norman, B.A. (McGill), Montreal
- BELL, Thomas Stewart, B.Sc. (McGill), Montreal
- ▲BEROLD, Barney Isaac, B.Com. (Witwatersrand), Montreal
- BERRY, Peter Lillis, B.E. (New South Wales),  
Sydney, Australia
- BOLDUC, Jean-Louis, B.Eng. (R.M.C.), Montreal
- BOUDREAU, André, B.A., B.Sc. (Montréal), Montreal
- CHARTERS, Richard William, B.Sc. (McGill), Hampstead
- DAVIES, Grant Lorne, B.Sc. (Sir George Williams), Montreal
- ELIAS, Raouf Michel, B.Eng. (Cairo), Montreal
- ▲FELDBERG, Arie, B.Sc. (Sir George Williams), Montreal
- ▲GODBOUT, Claude, B.A., B.Sc.A. (Laval), Quebec, Que.
- GREEN, Michael, B.Sc. (McGill), Montreal
- ▲GROUT, Derek Robert, B.Sc. (Bishop's), Montreal
- ▲GROZDANOFF, Michael Alexander, B.Sc.  
(Case Western Reserve), Mansfield, O.
- ▲GUITARD, Jacques Joseph, (Paris), Lyon, France
- KHO, Peter Sang-Soo, B.Com. (Sir George Williams), Montreal
- KINGWELL, Paul Claude, B.Sc. (Sir George Williams),  
Montreal
- ▲LARETEI, Martin, B.E. (Nova Scotia Tech.), Montreal
- ▲LENOIR, Serge, B.Eng. (Montréal), Montreal
- LeRADZA, William Robert, B.Sc. (St. Louis), Montreal
- ▲LEWIS, Geoffrey, B.Eng. (Nova Scotia Tech.), Brossard, Que.
- LUDMER, Irwin Benjamin, B.Sc. (McGill), Montreal
- MACE, Geoffrey Richard, B.Sc., M.Sc. (Carleton), Ottawa, Ont.
- McCORMACK, John Arthur, B.Eng. (McGill), Montreal
- ▲MULDOWNEY, Jerome, B.B.A. (Kent State), Tenafly, N.J.
- ▲PADMANABHAN, Srinivasan, B.Sc. (Indian School of  
Mines), Bangalore, India
- PÉRON, Douglas Leonard, B.Sc. (McGill), Montreal
- POOLE, Allan Scott, B.Sc. (Queen's), Montreal

- ▲PRINET, Dominique François, B.A.Sc. (U.B.C.),  
Yellowknife, N.W.T
- PUGH, Paul Marcus, B.Sc. (McGill), Montreal
- ▲RAISINGHANI, Duru Hariram, B.E. (Poona),  
M.S. (Rensselaer Polytechnic), M.S. (Delaware), Montreal
- RUSSEL, Colin Stevens, B.Eng. (McGill), Montreal
- SAUVÉ, Melvin Adrien, B.Eng. (McGill), Brossard, Que.
- ▲SCHWARTZMAN, Reuben, B.Sc. (McGill), Montreal
- ▲SIOK, Richard Boleslaw, B.Sc. (McGill), Montreal
- ▲SOLOMON, Richard Alden, B.Sc. (McGill), Dorval
- TEOLI, Ralph Anthony, B.Eng. (Montréal), Nun's Island, Que.
- VILLENEUVE, Louis Philippe, B.A. (Laval),  
B.Eng. (McGill), Roberval, Que.
- ▲WHITTAKER, William George, B.A., B.Sc.  
(Sir George Williams), LL.B., B.C.L. (McGill), Toronto, Ont.
- WILSON, Ronald Stewart, B.A. (Toronto), Welland, Ont.
- YAP, Kiam-Pooi, B.Com. (Taiwan), Port Dickson, Malaysia

### **MASTER OF ENGINEERING (MINING)**

- ▲BOURASSA, George Francis, B.Eng. (McGill), Regina, Sask.
- ▲CAHOON, James Albert, B.Sc. (Calgary), Calgary, Alta.
- ▲COLEMAN, Thomas, B.Sc. (Queen's), Thetford Mines, Que.
- ▲DUPAK, Peter Paul, B.A.Sc. (Toronto), Montreal
- KIWIA, John Robert, B.Sc. (Royal School of Mines, London),  
Moshi, Tanzania
- KRESIN, Peter, B.A.Sc. (Waterloo), Elliot Lake, Ont.
- ▲LEE, Terrence Anthony, B.E. (New South Wales),  
Sydney, Australia
- LWAKATARE, Samuel Lweyemamu, B.Sc. (London),  
Bukoba, Tanzania
- ▲OGILVIE, William David, B.A.Sc. (U.B.C.), Trail, B.C.
- PERCY, Graeme Raymond, B.A.Sc. (U.B.C.),  
New Westminster, B.C.
- ▲REDSTONE, Carl Leonard, B.Sc. (U.N.B.), Montreal

### **MASTER OF ENGINEERING**

- AWAD, Fouad Selim, B.Sc. (Cairo), Montreal  
(Electrical Engineering)
- BAKERDJIAN, Vartan George, B.Eng. (McGill), Montreal  
(Electrical Engineering)
- BENEDEK, Peter, B.Eng. (McGill), Montreal  
(Electrical Engineering)
- ▲BRAKMANN, Georg, (McGill), Montreal  
(Mechanical Engineering)

- ▲CHAI, Neville Malcolm, B.Eng. (McGill), Curepe,  
Trinidad, W.I. (Civil Engineering and Applied Mechanics)
- CHASE, Sherwin, B.Sc. (West Indies), Christ Church,  
Barbados, W.I. (Chemical Engineering)
- ▲CHECKLAND, John, B.Sc. (Strathclyde), Montreal  
(Chemical Engineering)
- ▲CHEMPALATHRA, John Mohan, B.Sc, M.Sc. (Kerala),  
Montreal (Civil Engineering and Applied Mechanics)
- de BECO, Jean-Paul, (Liège), Montreal  
(Mechanical Engineering)
- ▲DOAN, Manh Hung, B.A.Sc. (Ottawa),  
Saigon, South Vietnam (Chemical Engineering)
- ▲el HELBAWI, Salah Mahmoud Hamdi, B.A.Sc. (Toronto),  
Montreal (Mechanical Engineering)
- ▲FABI, Ronald James, B.Eng. (Sir George Williams), Montreal  
(Electrical Engineering)
- FAHMY, Aly Hassan, B.Sc. (Cairo), Cairo, Egypt  
(Electrical Engineering)
- ▲HALLER, Julian Karl, B.Eng. (McGill), Montreal  
(Mechanical Engineering)
- HANNOYER, Michel Jacques Marie, (Toulouse), Montreal  
(Mechanical Engineering)
- ▲HENDRIKS, David William, B.Sc. (Toronto), Toronto, Ont.  
(Metallurgical Engineering)
- ▲HONG, Bark-Shin, B.Sc. (Shibaura Institute of Technology),  
Costa Mesa, Calif. (Civil Engineering and Applied Mechanics)
- HSIEH, Ming-Sem, B.S.E. (Cheng Kung), M.S. (Chiao Tung),  
Tien-Chung, Taiwan (Electrical Engineering)
- ▲JEROME, Emile Julien, (France), Metz, France  
(Electrical Engineering)
- ▲JOHNSTON, Robert deBeauchesne, B.Eng. (McGill),  
Westmount (Electrical Engineering)
- JUE, Shao-Man, B.Eng. (McGill), Montreal  
(Electrical Engineering)
- KALOUSEK, Joseph, (Czechoslovakia), Montreal  
(Mechanical Engineering)
- KONRAD, Adalbert, B.Eng. (McGill), Montreal  
(Electrical Engineering)
- ▲KOSIK, Oto, M.Sc. (Slovak Tech.), Nové Mesto nad Váhom,  
Czechoslovakia (Metallurgical Engineering)
- KRISHNA, Vijaya, B.Sc. (Allahabad), B.Sc. (Glasgow),  
Allahabad, India (Electrical Engineering)
- MARTONI, Ciro Robert, B.Eng. (McGill), Montreal  
(Civil Engineering and Applied Mechanics)
- McLAUGHLIN, Charles Randolph, B.Eng. (McGill), Montreal  
(Electrical Engineering)

- ▲MIDDLETON, William James, B.Eng. (McGill), Sudbury, Ont.  
(Metallurgical Engineering)
- MILDENBERGER, Richard Roy, B.Eng. (Saskatchewan),  
Montreal (Electrical Engineering)
- ▲ONG, Chin Guan, B.Eng. (Cheng Kung), Teluk Anson, Malaysia  
(Mining Engineering and Applied Geophysics)
- RIBAKOV, Gennadijs, B.Eng. (McGill), Brossard, Que.  
(Electrical Engineering)
- RIDING, Allan Lance, B.Eng. (McGill), Montreal  
(Metallurgical Engineering)
- ▲SAEYS, Louis-Jean Marie André, (Belgium), Antwerp, Belgium  
(Chemical Engineering)
- SHEIKH, Muhammad Akber, B.E. (Karachi), Karachi, Pakistan  
(Civil Engineering and Applied Mechanics)
- SUN, Heng, B.Sc. (Taiwan), Taipei, Taiwan  
(Electrical Engineering)
- ▲TJIO, Hok-Kie, (Carolo-Wilhelmina), Montreal  
(Civil Engineering and Applied Mechanics)
- ▲VENTA, Jiri, (Prague), Montreal (Chemical Engineering)
- VILIS, Tutis, B.Eng. (Ottawa), Montreal  
(Electrical Engineering)

### **MASTER OF ARCHITECTURE**

- ACOSTA, Carlos Arturo, (Mexico), Montreal
- CHANG, Cheng-Wong, B.Sc. (Chu Hai), Taipei, Taiwan
- ▲GIBBS, Phillip Francis, B.Arch. (Melbourne),  
Toolleen, Australia
- ▲LeFRIANT, René, (Paris), Brest, France
- ▲SIDDIQUI, Mohammed Liaquatullah, B.S. (Iowa),  
Burlington, Ont.
- ▲WANG, Gene Tang, B.Sc. (Harbin Institute of Technology),  
Taichung, Taiwan

### **MASTER OF SCIENCE**

- ▲FIRTH, Mark, B.Eng. (Sheffield), Montreal  
(Metallurgical Engineering)
- YOON, Roe Hoan, B.Eng. (Seoul), Montreal  
(Metallurgical Engineering)

### **MASTER OF COMMERCE**

- HOWSON, Hugh Riddock, B.Com. (Toronto), Beaconsfield

## DOCTOR OF PHILOSOPHY

- ▲AHMED, Abdul Malek, B.Sc. (Dacca), M.Eng. (McGill),  
Montreal (Mechanical Engineering)  
*Application of the Cooled-Film to the Study of Premixed  
Turbulent Flames*
- ▲BOYARSKY, Abraham Joseph, B.Eng., M.Eng. (McGill),  
Montreal (Electrical Engineering)  
*Control and Stability Theory in the Space of Measures*
- ▲D'SOUZA, Norbert, B.E. (Mysore), M.E. (Indian Institute of  
Science), Mangalore, India (Mechanical Engineering)  
*Hypersonic Internal Flow Over Blunt Leading Edges*
- EKA, Usen, B.Sc. (Rhode Island), M.Sc. (Columbia),  
Uyo, Nigeria (Civil Engineering and Applied Mechanics)  
*Dynamic Response of Skewed Girder Bridges to Moving Loads*
- ▲SOLAR, Maurice Yvan, B.Eng., M.Eng. (McGill),  
Port Credit, Ont. (Metallurgical Engineering)  
*Kinetics of Hydrogen and Carbon Monoxide Absorption by  
Stagnant Molten Iron*
- ▲TAIT, George Rodney, B.Eng., M.Eng. (McGill), Montreal  
(Electrical Engineering)  
*The Array-Matrix Concept — A New Approach to  
Multivariate Analysis*
- WILSON, John Thurston, B.Sc. (Queen's), M.Eng. (McGill),  
St. Laurent (Electrical Engineering)  
*Optimal Control of Reactors in an Ethylene Plant*
- ▲YUE, Po-Lock, B.Eng. (McGill), Montreal  
(Chemical Engineering)  
*Film Boiling of Binary Mixtures*

### 9. Conferring the Honorary Degree of Doctor of Science:

RICHARD DUNCAN HISCOCKS,  
M.B.E., B.A.Sc., F. C. A. S. I.,

Vice-President (Scientific), National Research Council.

*Presented by Dean G. L. d'Ombra*

### 10. Conferring the Honorary Degree of Doctor of Laws:

HERBERT A. SIMON, B.A., Ph.D., Sc.D., Fil.Dr., LL.D.,

Professor of Computing Sciences and Psychology,  
Graduate School of Industrial Administration,  
Carnegie-Mellon University.

*Presented by Dean Howard I. Ross*

Convocation Address :

Dr. SIMON

**Benediction**

**O Canada**

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The audience will please remain standing in their places until the platform party has left.

## COLOURS OF HOOD LININGS

Bachelors wear hoods of black, bordered with white fur, and lined with the distinctive colour of their degree. Masters wear the same hood lined in the same colour, but with no fur. Doctors wear scarlet cloth hoods lined with pale green.

The colours are as follows :—

Science (Architecture) .....	Half yellow and half white
Engineering .....	Scarlet
Architecture .....	White
Science .....	Yellow
Commerce and Business Administration .....	Purple
Philosophy .....	Pale Green





