# THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS.

The spring meeting will be held this year at Baltimore, Md., May 20th to 23rd, inclusive, at the invitation of the Engineers' Club, of Baltimore, and the local members of the society. The professional sessions have as usual been arranged by the Committee on Meetings, while all other events are in charge of the local committee under the chairmanship of Layton F. Smith, past president of the Engineers' Club, of Baltimore.

Special railroad transportation concessions have been secured for members and guests attending the spring meeting in Baltimore, May 20th to 23rd, 1913.

The special rate of a fare and three-fifths for the round trip, on the certificate plan, is granted when the regular fare is 75 cents and upwards in United States territory.

## COMING MEETINGS.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS.—Spring Meeting, y 20-23. Secretary's Address 29 West 39th Street, New York. May 20.23.

CANADIAN ELECTRICAL ASSOCIATION.—Annual Convention will be held in Fort William, June 23, 24 and 25. Secretary, C. E. Bawden, Birkbeck Bld., Toronto.

Birkbeck Bld., Toronto. THE INTERNATIONAL ROADS CONGRESS.—The Third International Reads Congress will be held in London, England, in June, 1913. Secretary, W. Rees Jeffreys, Queen Anne's Chambers. Broadway, Westminster, London, S.W. THE CANADIAN FORESTRY ASSOCIATION.—National Convention will be held in Winniped, Man., July 7-9. James Lawler, Secretary, Canadian Forestry Association, Canadian Building, Ottawa. THE INTERNATIONAL GEOLOGICAL CONGRESS.—Twelfth Annual Meeting to be held in Canada during the summer of 1913. Secretary, W. S. Lecky, Victoria Memoriam Museum. Ottawa NATIONAL ASSOCIATION OF CEMENT USERS.—Tenth Annual Con-vention to be held at Chicago. Ill., Feb. 16-20, 1914. Secretary, E. E. Kraus, Harrison Bld., Philadelphia, Pa.

## ENGINEERING SOCIETIES.

CANADIAN SOCIETY OF CIVIL ENGINEERS.-413 Dorchester Street ist. Montreal. President, Phelps Johnson; Secretary. Professor West, Montreal. C. H. McLeod.

C. H. McLeou.
KINGSTON BRANCH—Chairman, A. K. Kirkpatrick; Secretary, L. W Gill; Headquarters: School of Mines, Kingston.
MANITOBA BRANCH.—Chairman, J. A. Hesketh; Secretary, E. E. Brydone-Jack, 83 Canada Life Building, Winnipeg. Regular meetings on first Thursday of every month from November to April.

OTTAWA BRANCH—
OTTAWA BRANCH—
I77 Sparks St. Ottawa. Chairman, R. F. Uniacke, Ottawa: Secretary, H. Victor Brayley, N.T. Ry., Cory Bldg. Meetings at which papers are read, 1st and 3rd Wednesdays of fall and winter months; on other Wednes-day nights in month there are informal or business meetings,

QUEBBC BRANCH-Chairman, A. R. Decary; Secretary, A. Amos; meet-ings held twice a month at room 40, City Hall.

TORONTO BRANCH-96 King Street West, Toronto. Chairman, E. A. James; Secretary-Treasurer, A. Garrow. Meets last Thursday of the month at Engineers' Club. CALGARY BRANCH-Chairman, H. B. Mucklestone; Secretary-Treasurer, P. M. Sauder.

VANCOUVER BRANCH-Chairman, G. E. G. Conway; Secretary-Treasurer, F. Pardo Wilson, Address: 422 Pacific Building, Vancouver, B.C.
VICTORIA BRANCH-Chairman, F. C. Gamble; Secretary, R. W. MacIntyre; Address P.O. Box 1290. Meets 2nd Thursday in each month at Club Rooms, 534 Broughton Street.

#### MUNICIPAL ASSOCIATIONS

ONTARIO MUNICIPAL ASSOCIATION-President, Mayor Lees, Hamilton. Secretary-Treasurer, Mr. K. W. McKay, County Clerk, St. Thomas, Ontario. SASKATCHEWAN ASSOCIATION OF RUKAL MUNICIPALITIES.-President, George Thompson, Indian Head, Sask.; Secy-Treasurer, E. Hingley, Radisson, Sask.

THE ALBERTA L. I. D. ASSIOCATION.-President, Wm Mason, Bon Accord, Alta. Secy-Treasurer, James McNicol, Blackfalds, Alta.

THE UNION OF CANADIAN MUNICIPALTIES.—President, Chase. Hopewell, Mayor of Ottawa; Hon. Secretary-Treasurer, W. D. Lighthall, K.C. Bx-Mayor of Westmount.

THE UNION OF NEW BRUNSWICK MUNICIPALITIES.-President, Councillor Siddall, Port Elgin; Hon. Secretary-Treasurer. J. W. McCready, City Clerk, Fredericton.

UNION OF NOVA SCOTIA MUNICIPALITIES.-President, Mr. A. S. MacMillan, Warden, Antigonish, N.S.; Secretary, A. Roberts, Bridgewater, N.S.

UNION OF SASKATCHEWAN MUNICIPALITIES.—President, Mayor Bee, Lemberg; Secy-Treasurer, W. F. Heal, Moose Jaw. UNION OF BRITISH COLUMBIA MUNICIPALITIES.—President, Mayor Planta. Nanaimo, B.C.; Hon. Secretary-Treasurer, Mr. H. Bose, Surrey Centre, B,C.

UNION OF ALBERTA MUNICIPALITIES. - President. F. P. Layton, Mayor of Camrose: Secretary-Treasurer, G. J. Kinnaird, Edmonton, Alta.

UNION OF MANITOBA MUNICIPALITIES.-President, Reeve Forke, pestone, Man.: Secy-Treasurer. Reeve Cardale, Oak River, Man.

<section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text>

CANADIAN SOCIETY OF FOREST ENGINEERS.—President, Dr. Fernow, Toronto. ; Secretary, F. W. H. Jacombe, Department of the Interior, Ottawa, CENTRAL RAILWAY AND ENCINEERD to the Interior, Ottawa, president

Toronto.; Secretary, F. W. H. Jacombe, Department of the Interior, Ortawa. CENTRAL RAILWAY AND ENGINEERING CLUB.—Toronto. President, Baldwin; Secretary, C. L. Worth, 409 Union Station. Meets third Tuesday each month except June, July and August. DOMINION LAND SURVEYORS.—President, Mr. R. A. Belanger, Ottawa: EDMONTON ENGINEERING SOCIETY.—President, J. Chalmers; Secret ary, B. F. Mitchell, City Engineer's Office, Edmonton, Alberta. ENGINEERING SOCIETY, TORONTO UNIVERSITY.—President, F. C. Mechni; Corresponding Secretary, A. W. Sime. ENGINEERS' CLUB OF MONTREAL.—Secretary, C. M. Strange, 9 Beaver Hollow.

ENGINEERS' CLUB OF MONTREAL.—Secretary, C. M. Strange, <sup>9</sup> Beaver I Square, Montreal. ENGINEERS' CLUB OF MONTREAL.—Secretary, C. M. Strange, <sup>a</sup> Hall Square, Montreal. ENGINEERS' CLUB OF TORONTO.—96 King Street West. President Edmund Burke; Secretary, R. B. Wolsey. Meeting every Thursday uning the fall and winter months. INSTITUTION OF ELECTRICAL ENGINEERS.—President, Dr. G. Kappi Secretary, P. F. Rowell, Victoria Embankment, London, W.C.; Hon, Secretary Treasurer for Canada, Lawford Grant, Power Building, Montreal, Que INSTITUTION OF ELECTRICAL AND. METALL HORY.—President, are of

Secretary, P. F. Rowell, Victoria Embankment, London, W.C. ; Hon. Secretary. Treasurer for Canada, Lawford Grant, Power Building, Montreal, Que. INSTITUTION OF MINING AND METALLURGY.—President, Que. Gouncil :—Prof. F. D. Adams, J. B. Porter, H. E., Ragland. Canadian members and Messrs W. H. Trewartha-James and J. B. Tyrrell.
INTERNATIONAL ASSOCIATION FOR THE PREVENTION OF SMORE —Secretary R. C. Harris, City Hall, Toronto.
MANITOBA ASSOCIATION OF ARCHITECTS.—President, W. Fingland.
Winnipeg; Secretary, R. G. Hanford.
MANITOBA LAND SURVEYORS.—President, J. L. Doupe; Secretary. R. G. Hanford.
NOVA SCOTIA MINING SOCIETY.—President, T. J. Brown, Sydney Minnes (Secretary, A. A. Hayward.
NOVA SCOTIA SOCIATION OF ARCHITECTS.—President, J. K. MovA SCOTIA SOCIATION OF ARCHITECTS.—President, J. Move, Single Move Scottary, A. R. McCleave, Assistant Road Commissioner's Office Halifax, N.S
ONTARIO ASSOCIATION OF ARCHITECTS.—President, C. P. Merdidni ONTARIO ASSOCIATION OF ARCHITECTS.—President, C. P. Merdidni ONTARIO PROVINCIAL GOOD ROADS ASSOCIATION.—President, N. Vermilyea, Belleville; Hon. Secretary. Treasurer, J. E. Farewell, Withy Scoretary. The Survey S'ASSOCIATION.—President, J. S. Dobje, Thessalon; Secretary, L. V. Rorke, Toronto.

ONTARIO LAND SURVEYORS' ASSOCIATION.—President, J. S. Dobie, Thessalon; Secretary, L. V. Rorke, Toronto. TECHNICAL SOCIETY OF PETERBORO.—Bank of Commerce Building Peterboro. General Secretary, N. C. Mills, P.O. Box 995, Peterboro, Ont. THE PEAT ASSOCIATION OF CANADA.—Secret J. W. Booth New Device, 2006 March 1997

THE PEAT ASSOCIATION OF CANADA.—Secretary, Wm. J. W. Booth New Drawer, 2263, Main P.O., Montreal. PROVINCE OF OUR DESCRIPTION OF CANADA.—Secretary, Wm. J. W. Booth PROVINCE OF OUR DESCRIPTION OF CANADA.—Secretary, Wm. J. W. Booth PROVINCE OF OUR DESCRIPTION OF CANADA.—Secretary, Wm. J. W. Booth

New Drawer, 2263, Main P.O., Montreal. PROVINCE OF QUEBEC ASSOCIATION OF ARCHITECTS.—Secretary QUEN'S UNIVERSITY ENGINEERING SOCIETY.—Kingston, REGINA ENGINEERING SOCIETY.—President, A. J. MePherson, Regina: ROYAL ARCHITECTURAL INSTITUTE OF CANADA.—President, Hal Russell, Winnipeg, Man.; Hon. Secretary, Alcide Chausse, No. 5. Beaver ROYAL ASTRONOMICAL SOCIETY.—President, Prof. Louis B. Steward, ROYAL ASTRONOMICAL SOCIETY.—President, Prof. Louis B. Steward, ROYAL ASTRONOMICAL INSTITUTE OF CANADA.—Construction ROYAL ASTRONOMICAL SOCIETY.—President, Prof. Louis B. Steward, ROYAL ASTRONOMICAL SOCIETY.—President, Prof. Louis B. Steward, SOCIETY OF CHEMICAL UNDUCTIVE of CANADA Construction SOCIETY OF CHEMICAL UNDUCTIVE of CANADA Construction Restary, J. R. Collins, Toronto.

ROYAL ASTRONOMICAL SOCIETY.—President, Prof. Louis B. Stewn.
Toronto: Secretary, J.R. Collins, Toronto.
SOCIETY OF CHEMICAL INDUSTRY.—Wallace P. Cohoe, Chairman
Alfred Burton, Toronto, Secretary.
TECHNOLOGY CLUB OF LOWER CANADA.—President, F. E.
Secretary-Treasurer, E. B. Evans. Meets twice yearly.
UNDERGRADUATE SOCIETY OF APPLIED SCIENCE, McGILI
WESTERN CANADA IRRIGATION ASSOCIATION.—President, G. Mitchell; Secretary, Norman S.
Rankin, Edmonton. Alta. Permanent Secretary, Norman S.
Rankin, Calgary, Alta.
WESTERN CANADA RAILWAY CLUB.—President, R. R. Nield; Secretary
W. H. Rosevear, P.O. Box 1707, Winnipeg, Man. Second Monday, secret