Committees of the A. I. M. E.

Standing Committees

Executive

**E. DeGolyer**

Chairman

Walter H. Aldridge

Finance

**George D. Barron**

Chairman

Galen H. Clevenger

Membership

E. P. Matthewson, Chairman

Alternates

W. H. Petsch, W. J. Rubidge

Increase of Membership

John A. Church, Jr., Chairman

Other members to be appointed

Library

George C. Stone, Chairman

Aleander C. Humphreys

Frederick F. Sharpless

Papers and Publications

**Charles S. Witherell**, Chairman

F. F. Sharpless, Secretary

Arthur Notman

Robert P. Peale

George C. Stone

Arthur L. Walker

General Committee

Paul D. Merica

H. W. Parker

J. H. Polhemus

Sidney Rolle

Bradley Stoughton

Arthur F. Taggart

Benjamin F. Tillson

A. E. Wheeler

A. C. Ventch

Management of Mining and Metallurgy

Walter H. Aldridge

Charles F. Rand

**E. DeGolyer**, Chairman
STANDING COMMITTEES

Research

WILLIAM H BASSETT
H M BOYLSTON
ARTHUR L WALKER

WILLIAM M CORSE
W SPENCER HUTCHINSON

Cooperation with Canadian Mining Institute

E P MATHEWSON
FOREST RUTHERFORD
L K ARMSTRONG
J B TYRRELL

Scholarship at Columbia University
(In cooperation with Woman's Auxiliary)

SIDNEY J JENNINGS
GEORGE D BARRON
ARTHUR S DWIGHT

James Douglas Medal Committee

GEORGE C STONE, Chairman

Until February, 1926
CHARLES W GOODALE
CHARLES W MERRILL
FRANK M SMITH
WALTER DOUGLAS
L P MATHEWSON

Until February, 1927
LAWRENCE ADDICKS
PAUL D MERICA
JOHN H JANEWAY
FREDERICK LAIST

Until February, 1928
WILLIAM H BASSETT
L D RICKETTS
ZAY JEFFRIES
POPE YEATMAN
GEORGE C STONE

J V W REYNERS, Member ex officio

Hunt Medal and Prize

Candidates selected by IRON AND STEEL COMMITTEE

J. E. Johnson, Jr., Award

Candidates selected by IRON AND STEEL COMMITTEE
Executive Committees of Local Sections

New York
Meet first Wednesday after first Tuesday of each month
JOHN A CHURCH, JR, Chairman
E L GRUVER, Vice-chairman
R M RAYMOND, Vice-chairman
M H MERRISS, Secretary-treasurer, Nicholas Copper Co, 25 Broad St, New York
SYDNEY H BALL, H N SPICER, C S WITHERELL

Boston
Meet first Monday of each winter month
ROY B EARLING, Chairman
HUGH E MckINSTRY, Secretary-treasurer, Foxcroft House, Harvard Univ, Cambridge, Mass
GEO H GILMAN

Columbia
Hold four sessions during year
Annual meeting in September or October
ROWLAND B KING, Chairman
LYNDON R ARMSTRONG, Secretary-treasurer, 720 Peyton Bldg, Spokane, Wash
FRED W CALLAWAY, Past Chairman

North Pacific
MELVIN C BUTLER, Chairman
HAROLD P FORD, Secretary-treasurer, 3333 Hunter Blvd, Seattle, Wash
BYRON M BIRD

Southern California
RUSH T SILL, Chairman
S L GILLAN, Secretary-treasurer, 1022 Stock Exchange, Los Angeles, Cal
JOSEPH JENSEN
DESAIX B MYERS

Colorado
CARROLL H WEGEMANN, Chairman
C W HENDERSON, Secretary-treasurer, 400 Now P, O Bldg, Denver, Colo
MAX W BALL

Montana
I V BENDER, Chairman
ALEX M MCDONALD, Secretary-treasurer, Apex Hotel, Butte, Mont
W B DALY

San Francisco
Meet second Tuesday of each month
ABBOT A HANKS, Chairman
E W RULLARD, Secretary-treasurer, 565 Howard St, San Francisco, Cal
A NORTON JOHNSON

Pennsylvania Anthracite
R V NORRIS, Chairman
CHARLES F HUBER, Vice-chairman
J B WARRINER, Vice-chairman
W J RICHARDS, Vice-chairman
W W INGLIS, Vice-chairman
PAUL STERLING, Secretary-treasurer, Lehigh Valley Coal Co, Wilkes-Barre, Pa
DOUGLAS BUNTING
CHARLES DORRANCE, JR
G H HADESTY
CHARLES DORRANCE, JR
JOHN M HUMPHREY
ROBERT A QUIN
TERRITORY COVERED BY LOCAL SECTIONS OF THE AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS
LOCAL SECTION COMMITTEES

St. Louis

M M LEIGHTON, Chairman  C G STIFEL, Vice-chairman
P B BUTLER, Vice-chairman  J H STEINMESCH, Vice-chairman
WALTER E McCOURT, Secretary-treasurer, Washington Univ., St Louis, Mo

JOSEPH GUITERAS  W K KAVANAUGH  H I YOUNG  J D ROBERTSON

Chicago

WILLIAM R WRIGHT, Chairman
FRANCIS N FLYNN, Vice-chairman

J H FLETCHER, Secretary-treasurer, 21 E Van Buren St, Chicago, Ill

HENRY J FREYN  DAVID LEVINGER  A C NOÉ
WILLIAM E JEWEILL  G C McFADDEN  C C WHITTIER

Utah

ROBERT S LEWIS, Chairman

C T VAN WINKLE, Secretary-treasurer, Dooly Block, Salt Lake City, Utah

OTTO HERRES, JR

Arizona

CHARLES A MITHE, Chairman

WILLIAM SABEN, 1st Vice-chairman  IRA B JORALEMON, 2d Vice-chairman

W S BOYD  L O HOWARD  J C DICK  A H RICHARDS

Nevada

R A HARDY, Chairman

HENRY M RIVES, Secretary-treasurer, 210 Reno National Bank Bldg, Reno, New

EMMET D BOYLE  WALTER S LARSH  ALEXANDER WISE

Mid-Continent

JOHN M LOVEJOY, Chairman

R S MCFARLAND, Vice-chairman

C V MILLIKAN, Secretary-treasurer, Amerada Petroleum Corp, Petroleum Bldg, Tulsa, Okla

T K HARNSBERGER  ALLAN F HINTON  GEORGE S ROLLIN
FRANK A HERALD  JAMES O LEWIS  WALTER B WILSON

Washington, D. C.

GEORGE S RICE, Chairman  CLARENCE T STARR, Vice-chairman

STANLEY C SEARS, Secretary-treasurer, 2122 California St, Washington, D C

G F LOUGHLIN  S C LIND

Pittsburgh

GRAHAM BRIGHT, Chairman

S L GOODALE, Secretary-treasurer, University of Pittsburgh, Pittsburgh, Pa

Wisconsin

R S MCCAFFERY, Chairman, Unv of Wisconsin, Madison, Wis

HAROLD O DAVIDSON  W N SMITH, Vice-chairman  A N WINCHELL
Ohio

H M BOYLSTON, Chairman

L B MILLER, Vice-chairman
H A SCHWARTZ, Vice-chairman
C B MURRAY, Secretary-treasurer, 407 Perry Payne Bldg., Cleveland, Ohio
D J DEMOREST
K H DONALDSON
G A REINHARDT

Minnesota

FRANK HUTCHINSON, Chairman
WILBUR VAN EVERA, Vice-chairman
MACK C LAKE, Secretary-treasurer, Fidelity Bldg., Duluth, Minn

Upper Peninsula

WILLIAM KELLY, Chairman
S R ELLIOTT, Secretary-treasurer, Cleveland Cliffs Iron Co., Ishpeming, Mich

Oregon

FRANK WHALLEY WATSON, Chairman
GEORGE C HOGG, Secretary-treasurer, U S National Bank Bldg., Portland, Ore

J H BATCHELLER
FRANK BAILLIE
W W ELMER

Philadelphia

RICHARD PETERS, JR., Chairman

F LYNWOOD GARRISON, 1st Vice-chairman
T M. CHANCE, 2d Vice-chairman
LOUIS C MADEIRA, III, Secretary-treasurer, 260 S Broad St., Philadelphia, Pa

FRANKLIN BACHE
S E FAIRCHILD, Jr.
A A STEVENSON
H M CHANCE
W W HEARNE
I H TAYLOR, Jr
G H CLAMER
W C NEILSON
MORRIS WILLIAMS
HENRY S DRINKER
E W PARKER

Northern Arizona

ROY W MOORE, Chairman

R S BILLSING, Vice-chairman and Secretary-treasurer, Box 868, Kingman, Ariz

W B PHELPS

Southern West Virginia and Northeastern Kentucky

J K ANDERSON, Chairman

CHARLES E KREBS, Secretary-treasurer, 2307 Washington St, Charleston, W Va
Technical Committees*

1-Iron and Steel

JOHN A MATHEWS, Chairman
WILLIAM CAMPBELL, Vice-chairman
JOHN H HALL, Vice-chairman
L B LINDEMUTH, Secretary

Iron Ore
CHARLES B MURRAY, Chairman
W O HOTCHKISS
JOHN E HODGE
WILLIAM KELLY
CHARLES F RAND

Blast Furnace
WALTER MATHIES, Chairman
ALEXANDER L FEILD
DORSEY A LYON
C A MEISSNER
CHARLES P PERIN

Steel Manufacture
BRADLEY STOUGHTON, Chairman
H T MORRIS
WILLIAM J PRIESTLEY
C F W RYS
GEORGE B WATERHOUSE

Mechanical Treatment
FREDERICK W WOOD, Chairman
FRANK L ESTEP
J V W REYNEDERS

Foundry
ARTHUR H JAMESON, Chairman
R F HARRINGTON
ENRIQUE TOUCEDA

Chemistry, Physics & Metallography
HERBERT M BOYLTSON, Chairman
ZAY JEFFRIES
V N KIRIVOBOK
F C LANGENBERG

Open Hearth Steel
E A WHITWORTH, Chairman
W A MAXWELL, JR
L F REINARTZ
ALBERT W SMITH

2-Reduction and Refining of Copper

E P MATHEWSON, Chairman
F L LONGWORTH
RICHARD L LLOYD
HENRY A TOBELMANN

Open Hearth Steel
W A MAXWELL, JR
L F REINARTZ
ALBERT W SMITH

3-Extraction and Refining of Precious Metals

JOHN V N DORR, Chairman
CHARLES W MERRILL
W O NORTH
EDWIN L OLIVER
GEORGE W STARR

Personnel subject to acceptance by members named.

* The purpose of each committee is to further the development of the art and science and to obtain papers of high merit for discussion and publication by the Institute on the subject covered by the title of the committee.
<table>
<thead>
<tr>
<th>TECHNICAL COMMITTEES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4–Reduction and Refining of Lead</strong></td>
</tr>
<tr>
<td>L. DOUGLASS ANDERSON</td>
</tr>
<tr>
<td>JESSE O BETTERTON</td>
</tr>
<tr>
<td>S. G. BLAYLOCK</td>
</tr>
<tr>
<td>E. E. DIEFFENBACH</td>
</tr>
<tr>
<td>ARTHUR S. DWIGHT</td>
</tr>
<tr>
<td>L. G. EAKINS</td>
</tr>
<tr>
<td><strong>H. H. ALEXANDER, Chairman</strong></td>
</tr>
<tr>
<td>KARL EILERS</td>
</tr>
<tr>
<td>EDWARD H. HAMILTON</td>
</tr>
<tr>
<td>KUNO B. HEBERLEIN</td>
</tr>
<tr>
<td>CARLE R. HAYWARD</td>
</tr>
<tr>
<td>G. E. JOHNSON</td>
</tr>
<tr>
<td>GEORGE A. MARSH</td>
</tr>
<tr>
<td>W. E. NEWNAM</td>
</tr>
<tr>
<td>WADSWORTH W. NORTON</td>
</tr>
<tr>
<td>RUDOLPH PORTER</td>
</tr>
<tr>
<td>FRANK M. SMITH</td>
</tr>
<tr>
<td>OTTO SUSSMAN</td>
</tr>
</tbody>
</table>

| **5–Reduction and Refining of Zinc** |
| GEORGE S. BROOKS      |
| C. P. FISKE           |
| H. W. GEPP            |
| JULIUS W. HEGELER     |
| HAROLD G. HIXON       |
| F. E. PIERCE, Chairman|
| WALTER R. INGALLS     |
| ARCHIBALD JONES       |
| FREDERICK LAIST       |
| R. M. ROOSEVELT       |
| FRANCIS P. SINN       |
| B. M. O'Harra         |
| KURT STOCK            |
| GEORGE C. STONE       |
| OTTO SUSSMAN          |
| LELAND E. WEMPLE      |
| D. C. WRAY            |

| **6–Reduction and Refining of Uncommon Metals** |
| R. B. MOORE, Chairman |
| FRANK L. ANTISELL    |
| CHARLES BUTTERS      |
| CHARLES H. FULTON    |
| ERNEST GAYFORD       |
| H. W. GOULD          |
| J. P. BONARDI, Secretary|
| ELWOOD HAYNES        |
| FRANK L. HESS        |
| W. SPENCER HUTCHINSON|
| SAMUEL COLVILLE LIND |
| GEORGE L. NORRIS     |
| EDWIN L. OLIVER      |
| B. D. SAKLATWALLA    |
| CARL J. TRAUMAN      |
| CHUNG YU WANG        |
| WILLIS R. WHITNEY    |

| **7–Coal and Coke** |
| HOWARD N. EAVENSON, Chairman |
| RAY W. ARMS                |
| D. J. CARROLL             |
| ANDREW B. CRICHTON        |
| S. D. DIMMICK             |
| T. M. DODSON              |
| CHARLES DORRANCE, JR      |
| H. S. GEISMER             |
| DOUGLAS BUNTING, Vice-chairman |
| G. B. HADESTY             |
| L. S. HOLSTEIN            |
| ALBERT B. JESSUP          |
| F. F. JORGENSEN           |
| C. E. LESHER              |
| CHESTER M. LINGLE         |
| HARRY WILLIAM MONTZ       |
| CHARLES G. MORGAN         |
| EDWARD W. PARKER          |
| GEORGE S. RICE            |
| JOHN N. THOMPSON          |
| J. B. WARRINER            |
| A. C. WATTS               |

| **8–Non-metallic Minerals** |
| H. RIES, Chairman          |
| L. K. ARMSTRONG            |
| GEORGE H. ASHLEY           |
| R. J. COLONY               |
| HOWELLS FRECHETTE          |
| OLIVER BOWLES, Secretary   |
| HOYT S. GALE               |
| RAYMOND B. LADOO           |
| ROBERT LINTON              |
| E. S. MOORE                |
| DAVID H. NEWLAND          |
| W. C. PHALEN               |
| N. C. ROCKWOOD             |
| FRANK A. WILDER            |

| **9–Ground Movement and Subsidence** |
| HENRY S. MUNROE, Honorary Chairman |
| H. G. MOULTON, Chairman           |
| J. C. AGNEW                        |
| GEORGE ASHLEY                      |
| DOUGLAS BUNTING                    |
| LOUIS S. CATES                     |
| ELI T. CONNER                      |
| HOWARD N. EAVENSON                 |
| HORACE REYNOLDS GRAHAM             |
| LESTER E. GRANT                    |
| W. O. HOTCHKISS                     |
| WILLIAM KELLY                      |
| C. B. LAKENAN                      |
| F. W. MACLENNAN                    |
| BRUCE A. MIDDLEMISS                |
| THOMAS H. O'BRIEN                   |
| EDWARD O'TOOLE                     |
| SIDNEY PAIGE                        |
| ROBERT E. PALMER                   |
| FRANK H. PROBERT                   |
| GEORGE S. RICE, Secretary          |
| MILNOR ROBERTS                     |
| FREDERICK W. SPEER                 |
| A. C. STODDARD                     |
| JOHN M. SULLY                      |
| BENJAMIN F. TILLSON                |
| H. E. TRECUEHL                     |
| C. E. VAN ORSTRAND                 |
| POPE YEATMAN                       |
| L. E. YOUNG                         |
### Technical Committees

#### 10-Mining Methods

**Chairman**

<table>
<thead>
<tr>
<th>Committee</th>
<th>Chairmen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracite Coal</td>
<td>R. M. Raymond, H. F. Bain, W. R. Crane, J. E. Hodge</td>
</tr>
<tr>
<td>Bituminous Coal</td>
<td>B. B. Gottsberger, H. N. Eavenson, F. W. Sperr, W. Crane</td>
</tr>
<tr>
<td>Copper-Northwest</td>
<td>C. L. Berrien, N. B. Braly</td>
</tr>
<tr>
<td>Copper-Southwest</td>
<td>L. S. Cates, J. H. Hensley, I. B. Joralemon, H. Krumb</td>
</tr>
<tr>
<td>Copper-Lake Superior</td>
<td>John Knox</td>
</tr>
<tr>
<td>Iron</td>
<td>R. V. Norris, D. B. Gillies, J. R. Burgess</td>
</tr>
<tr>
<td>Lead and Zinc</td>
<td>L. H. Aldrich, C. A. Barabe, S. R. Elliott, E. W. Hopkins</td>
</tr>
<tr>
<td>Precious and Rare Metals</td>
<td>G. A. Packard, J. A. Fulton, W. Spence</td>
</tr>
<tr>
<td>Sampling and Estimating</td>
<td>Philip R. Bradley</td>
</tr>
<tr>
<td>Non-metallic Minerals</td>
<td>H. Ries, Chairman</td>
</tr>
</tbody>
</table>

**Advisory Committee**

<table>
<thead>
<tr>
<th>Committee</th>
<th>Chairmen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracite Coal</td>
<td>W. O. Hotchkiss, S. J. Jennings, J. W. Mudd, R. V. Norris, W. Probert</td>
</tr>
<tr>
<td>Bituminous Coal</td>
<td>E. D. Riehle, J. B. Peltier, G. E. Rice, M. F. Pelletier, A. Notman, M. Otogawa</td>
</tr>
<tr>
<td>Copper-Northwest</td>
<td>J. L. Bruce, J. Gillie</td>
</tr>
<tr>
<td>Copper-Southwest</td>
<td>C. B. Lakenan, C. A. Mitke, A. Notman, M. Otogawa</td>
</tr>
<tr>
<td>Copper-Lake Superior</td>
<td>C. E. Packard, J. A. Fulton, W. Spence</td>
</tr>
<tr>
<td>Lead and Zinc</td>
<td>H. A. Buehler, W. J. Penhallegon, H. A. Guess, R. S. Lewis</td>
</tr>
<tr>
<td>Precious and Rare Metals</td>
<td>J. A. Packard, J. A. Fulton, W. Spence</td>
</tr>
<tr>
<td>Non-metallic Minerals</td>
<td>H. Ries, Chairman</td>
</tr>
</tbody>
</table>

**Subcommittees**

- **Anthracite Coal**
  - R. M. Raymond, H. F. Bain, W. R. Crane, J. E. Hodge
- **Bituminous Coal**
  - B. B. Gottsberger, H. N. Eavenson, F. W. Sperr, W. Crane
- **Copper-Northwest**
  - C. L. Berrien, N. B. Braly
- **Copper-Southwest**
  - L. S. Cates, J. H. Hensley, I. B. Joralemon, H. Krumb
- **Copper-Lake Superior**
  - John Knox
- **Iron**
  - R. V. Norris, D. B. Gillies, J. R. Burgess
- **Lead and Zinc**
  - L. H. Aldrich, C. A. Barabe, S. R. Elliott, E. W. Hopkins
- **Precious and Rare Metals**
- **Sampling and Estimating**
  - Philip R. Bradley
- **Non-metallic Minerals**
  - H. Ries, Chairman

**Members**

- **Anthracite Coal**
  - W. O. Hotchkiss, S. J. Jennings, J. W. Mudd, R. V. Norris, W. Probert
- **Bituminous Coal**
  - E. D. Riehle, J. B. Peltier, G. E. Rice, M. F. Pelletier, A. Notman, M. Otogawa
- **Copper-Northwest**
  - J. L. Bruce, J. Gillie
- **Copper-Southwest**
  - C. B. Lakenan, C. A. Mitke, A. Notman, M. Otogawa
- **Copper-Lake Superior**
  - C. E. Packard, J. A. Fulton, W. Spence
- **Iron**
- **Lead and Zinc**
  - H. A. Buehler, W. J. Penhallegon, H. A. Guess, R. S. Lewis
- **Precious and Rare Metals**
  - J. A. Packard, J. A. Fulton, W. Spence
- **Sampling and Estimating**
  - C. E. Fitch, W. H. Higgins, J. G. Kirchen
- **Non-metallic Minerals**
  - H. Ries, Chairman
11-Mining Geology

E F Burchard, Chairman
Frederick J Alcock
George H Ashley
Sydney H Ball
J Austen Bancroft
Edson S Bastin
H A Buehler
Edwin J Collins
G B Corless
Harold E Culver
Edwin E Ellis

L C Graton
George H Garrey
Donnel F Hewett
W O Hotchkiss
Ira B Joralemon
James F Kemp
Cyril W Knight
Henry Krumb
Alfred C Lane
Waldemar Lindgren

R J Colony, Secretary
Benjamin L Miller
Elwood S Moore
Willard A Neison
Joseph Hyde Pratt
Heinrich Ries
Henry R Salke
Frdieda Earls Jr
Charles H White
Rush J White

12-Mining Equipment

W L Affelder
Henry S Geismer

Graham Bright, Chairman
Harry C Goodrich
E W Kiser

L F Mitten
Vernon S Root
Humphrey D Smith

13-Mine Ventilation

George S Rice, Chairman
E A Holbrook, Secretary

Frank H Probert
Robert M Raymond
E J Ristedt
Gerald Sherman
Cecil W Smith
Robert E Tally
Thomas D Thomas

Sub-committees

Coal Mining

Howard N Eavenson
Charles Enzian

W S Boyd
W B Daly

Metal Mining

Stantry A Easton

Physiological Studies

C L Berrien

Ray W Arms
James T Beard

Ventilation Physics

Erie V Daveler
A B Foote
H H Hasler
R R Hornor
E A Holbrook
George E McElroy

W J Penhallegon
Joseph Hyde Pratt
Gerald F Sherman
George S Rice
R G Wayland

14-Conservation of Mine Timber

Charles H MacDowell, Chairman

R L Adams
W F Affelder
R V Ageaton
W L Cumings
Henry S Drinker

Erie V Daveler
A B Foote
H H Hasler
R R Hornor
E A Holbrook
George R Jackson
### 15-Mine Taxation

**Chairman:** Cornelius F. Kelley

**Vice-Chairmen:** Ralph E. Davis, H. B. Fernald, William B. Gower

**Members:**
- R. C. Allen
- Paul Armitage
- R. V. Norris
- Walter Wood

### 16-Milling Methods

**Honorary Chairman:** Robert H. Richards

**Chairman:** Galen H. Clevenger

**Vice-Chairmen:** Charles E. Locke

**Members:**
- John V. N. Dorr
- Frederick Laist
- R. V. Norris
- Ralph E. Davis
- Walter Wood

### 17-Industrial Relations

**Chairman:** Arthur Notman

**Secretary:** Sidney Rolle

**Members:**
- Newell G. Alford
- Alexander C. Beeson
- Harold O. Bosworth
- William H. Coburn
- W. C. Coffin
- F. F. Colcord
- G. M. Colvocoresses
- Cleveland F. Dodge
- J. V. N. Dorr
- Charles W. Goodale
- B. Britton Gotsberger
- J. N. House
- S. Pemberton Hutchinson
- S. J. Jennings
- Frederick Laist
- C. B. Lakenan
- A. J. Lanza
- Robert Linton
- H. G. Moulton
- Harold S. Munroe

#### Employment and Industrial Organization

**Chairman:** Eugene F. Irwin

**Secretary:** W. G. McBride

**Members:**
- L. D. Frink
- Horace Moses
- B. F. Tillson
- R. Dawson Hall
- D. Harrington
- W. R. Chedsey
- Rush N. Hosler
- C. R. Hook

#### Safety

**Chairman:** John L. Boardman

**Secretary:** John T. Ryan

#### Education

**Chairman:** G. M. Gillette

**Secretary:** H. M. Wolflin

#### Physical and Mental Factors in Industry

**Chairman:** R. R. Sayers

**Secretary:** T. T. Read
18—Accounting Methods

H B FERNALD, Chairman
R VAN A NORRIS, JR
ROBERT M RAYMOND
H T. VAN ELLS
GEORGE F WOLFF

19—Engineering Education

WILLIAM KELLY, Chairman
STANLEY A EASTON
LOUIS S CATES
W. J. LORING
DORSEY A LYON
ALLEN H ROGERS
ROBERT E TALLY
E E THUM
C M WELD

20—Production and Use of Silver

CORNELIUS F KELLEY, Chairman
F H BROWNELL
W MONTAGUE FERRY
JOHN G KIRCHEN
F Y ROBERTSON

Professional Divisions

I—Institute of Metals Division*

GEORGE K ELLIOTT, Chairman
GEORGE C STONE, Vice-chairman
WILLIAM M CORSE, Secretary-treasurer

Executive Committee

D K CRAMPTON
SAMUEL L HOYT
R L SUHL
W K FRANK
ZAY JEFFRIES
A E WHITE
H W GILLETT
H C JENNISON
R F WOOD
STANISLAUS SKOWRONSKI

II—Petroleum Division†

F JULIUS FOHS, Chairman
EDWARD L ESTABROOK, Vice-chairman
C P WATSON, Secretary-treasurer

Industrial Preparedness

To Coöperate with the U S War Department

General Committee

ARTHUR S DWIGHT, Chairman
H FOSTER BAIN
H, S MULLIKEN Alternate
C K LEITH
GEORGE OTIS SMITH
J EDWARD SPURR
POPE YEATMAN

* The purpose of this division is to obtain papers of high merit for publication by the Institute on the subjects of alloys, metallography, and founding.

† The purpose of this division is to obtain papers of high merit for publication by the Institute on production, transportation, refining and utilization of petroleum and its products.