



## **FUNCTIONAL MATERIALS DIVISION BYLAWS**

### **ARTICLE I Name and Objective**

Section 1 The name of this technical division shall be the Functional Materials Division, hereinafter referred to as “FMD”. The FMD shall function under the jurisdiction of the Board of Directors of The Minerals, Metals and Materials Society, hereinafter referred to as “TMS”.

Section 2 The following technical committees are chartered under the jurisdiction of the FMD. The FMD, however, could amend the names of these technical committees, as well as expand and/or delete committees in response to changing needs of the membership. Joint committees under the FMD would also need approval by the associated division prior to any committee change taking place.

1. Additive Manufacturing Committee (joint with EPD, LMD, MPMD and SMD)
2. Alloy Phases Committee (joint with SMD)
3. Biomaterials Committee (joint with SMD)
4. Chemistry and Physics of Materials Committee (joint with SMD)
5. Electronic Packaging and Interconnection Materials Committee
6. Energy Conversion and Storage Committee
7. Magnetic Materials Committee
8. Nanomaterials Committee
9. Thin Films and Interfaces Committee

Technical committees not meeting their organizational and programming responsibilities can be evaluated by the FMD Council. Upon approval by the Council, a technical committee not fulfilling its responsibilities, or not following its own bylaws, can be placed on probation, reorganized or dissolved.

In addition, the FMD Council shall appoint representatives to the following administrative committees:

1. Content Development and Dissemination Committee
2. Education Committee
3. Materials and Society Committee
4. Membership and Student Development Committee
5. Professional Development Committee

6. Program Committee (three representatives)
7. Public and Governmental Affairs Committee

Section 3      The FMD shall carry out and promote the mission of TMS as a group of worldwide professionals dedicated to the development, dissemination and application of scientific and engineering knowledge related to functional materials. In support of this mission, the FMD will:

1. Provide a forum for the interchange of ideas among functional materials professionals from industry, academia, government, consulting and suppliers via programming excellence in regional, national and international activities.
2. Recruit qualified new members to TMS through technical meetings and continuing education activities.
3. Provide leadership and a strong presence at the TMS Annual Meeting and other TMS meetings where FMD programs exist.
4. Increase the international visibility and stature of the FMD.
5. Publish books, proceedings and other publications to disseminate knowledge derived from meetings, seminars, continuing education and symposia organized under the auspices of the FMD.
6. Enhance public awareness of the metals industry and the importance of metals, minerals and materials to an enhanced standard of living.
7. Seek out and develop mutually beneficial interactions with professional societies worldwide.
8. Contribute to society-wide strategic initiatives to achieve these objectives.

## **ARTICLE II**

### **Limitations and Dissolutions**

Section 1      The bylaws and activities of the FMD shall conform to the bylaws and regulations of TMS.

Section 2      Advocacy conducted on behalf of TMS is coordinated by the Public and Governmental Affairs Committee. The FMD does not engage in any political or legislative advocacy activities and defers any requests to do so to the Public and Governmental Affairs Committee.

## **ARTICLE III**

### **Membership**

Section 1      Membership shall be limited to persons who are members of TMS and who are actively engaged in professional pursuits that lie within the scope of the FMD. If at any time an FMD member allows their membership with TMS to lapse, they will be subject to removal from the FMD.

**ARTICLE IV**  
**Composition**

Section 1       The FMD shall be led by a chair, vice chair and past chair. The chair will be elected for a three-year term, vice chair for a three-year term and the past chair will hold a three-year term immediately following their term as chair. The beginning and expiration of all terms of office will coincide with the TMS Annual Meeting.

The chair shall represent the FMD on the TMS Board of Directors. He/She may, at any time, appoint subcommittees and/or ad hoc committees for special projects, planning or other purposes.

The vice chair shall act on behalf of the FMD chair if he/she becomes unable to attend a meeting. He/She shall also assist the FMD chair by performing duties as assigned.

Section 2       Chairs (Liaison for the Additive Manufacturing Committee) of the technical committees mentioned in Article 1, Section 2 shall automatically be voting members of the FMD Council. Each technical committee under the FMD shall elect its chair according to its own committee bylaws. However, the committee bylaws must conform to the bylaws of the FMD and be approved by the FMD Council. It shall be the responsibility of the chairs of the technical committees to attend each FMD Council meeting. If attendance is not possible, then it shall be the responsibility of the committee chair to appoint an alternate (traditionally the committee vice chair) to attend the meeting on his/her behalf.

Section 3       FMD representatives to administrative committees, as mentioned in Article 1, Section 2, are voting members of the FMD and shall serve a three-year term.

Section 4       TMS shall appoint a staff liaison to the FMD Council. This staff person will be a non-voting member of the FMD.

**ARTICLE V**  
**Elections**

Section 1       To maintain continuity, the vice chair shall normally be the next chair of the FMD Council. However, the chair-elect must be duly elected by the TMS membership, according to the process outlined in Section 3.6 of the TMS Bylaws, to serve as chair of a TMS technical division.

Section 2       During the third year of the chair's term, a nominating committee consisting of the chair, vice chair and past chair shall meet in person, or electronically, to discern one or more candidates for election as the next vice chair of the FMD. These candidates will be presented to the full Council, which will nominate one to the post. Nominations may also be made by members of the Council. Voting will be conducted at an FMD Council meeting, or if necessary, by electronic ballot.

**ARTICLE VI**  
**Meetings**

Section 1       The FMD shall hold a Council meeting during the TMS Annual Meeting and additional meetings throughout the year via teleconference, webcasts or in person as deemed necessary by the chair. Quorum at any meeting shall consist of 50% of the FMD Council members.

**ARTICLE VII**  
**Honors and Professional Recognition**

Section 1       The FMD Council, through its Nominations and Awards Committee, is responsible for the selection of recipients for the following division awards, and future awards which it may establish:

1.    FMD Distinguished Scientist/Engineer Award
2.    FMD Distinguished Service Award
3.    FMD John Bardeen Award
4.    FMD Young Leaders Professional Development Award
5.    FMD Gilbert Chen Scholarship
6.    FMD Travel Grant

The chair of the Nominations and Awards Committee is appointed by the FMD Council and will hold a three-year term, the beginning and expiration of which will coincide with the TMS Annual Meeting. This committee chair shall then invite four to six members of the FMD Council, or its constituent technical committees, to choose the recipients of these awards.

Section 2       The *JEM* Editorial Oversight Board is responsible for the selection of the recipient(s) of the following award:

1.    FMD *JEM* Best Paper Award.

Section 3       As noted in Section 1 above, the Nominations and Awards Committee selects the recipients of the FMD Young Leaders Professional Development Award each year. A Young Leader is a professional member in the materials field, under the age of 40, who is interested in taking on a leadership role in the society. Two recipients are selected each year from each of the five technical divisions.

To help the award recipients become involved in TMS, they may attend the FMD Council meeting held during the TMS Annual Meeting in the year of their award. In addition, the FMD vice chair will serve as the Young Leader mentor in order to help maximize the benefit of the experience for both the Young Leader and the FMD.

Section 4       The FMD should also be active in submitting nominations for deserving FMD members for TMS society-wide awards such as Fellow, Educator, etc.

**ARTICLE VIII**  
**Budget**

Section 1      An operations budget for FMD activities will be developed consistent with the TMS Technical Division Funding Policy. This policy is designed to provide the TMS technical divisions with the resources needed to effectively develop and administer programs given the society's available resources. The FMD chair has the authority to draw upon these funds as defined in the FMD budget. The FMD budget is developed by the chair and then approved by the TMS Financial Planning Committee and Board of Directors annually.

**ARTICLE IX**  
**Amendments and Implementation**

Section 1      These bylaws may be amended, by modification or addition, to ensure effective operation. Such amendments require an affirmative vote of at least two-thirds of the FMD Council members in order to be presented to the TMS Board of Directors for approval.

Section 2      These bylaws shall be reviewed each year. Any changes will become effective immediately upon approval by the TMS Board of Directors.