



## **MATERIALS PROCESSING AND MANUFACTURING DIVISION BYLAWS**

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

Section 1      The name of this technical division shall be the Materials Processing and Manufacturing Division, hereinafter referred to as “MPMD”. The MPMD 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 MPMD. The MPMD, 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 and bridge committees under the MPMD would also need approval by the associated division(s) prior to any committee change taking place.

1. Additive Manufacturing Committee (bridge committee)
2. Computational Materials Science and Engineering Committee
3. Integrated Computational Materials Engineering Committee
4. Nanomechanical Materials Behavior Committee
5. Phase Transformation Committee
6. Powder Materials Committee
7. Process Technology and Modeling Committee (joint with EPD)
8. Shaping and Forming Committee
9. Solidification Committee
10. Surface Engineering Committee

Technical committees not meeting their organizational and programming responsibilities can be evaluated by the MPMD 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 MPMD Council shall appoint voting representatives to the following administrative committees:

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

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

Section 3 The MPMD 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 materials processing and manufacturing. In support of this mission, the MPMD will:

1. Provide a forum for the interchange of ideas among materials processing and manufacturing 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 MPMD programs exist.
4. Increase the international visibility and stature of the MPMD.
5. Publish books, proceedings and other publications to disseminate knowledge derived from meetings, seminars, continuing education and symposia organized under the auspices of the MPMD.
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 MPMD 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 MPMD 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 MPMD. If at any time an MPMD member allows their membership with TMS to lapse, they will be subject to removal from the MPMD.

**ARTICLE IV**  
**Composition**

Section 1 The MPMD 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 MPMD 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 MPMD chair if he/she becomes unable to attend a meeting. He/she shall also assist the MPMD 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 MPMD Council. Each technical committee under the MPMD shall elect its chair according to its own committee bylaws. However, the committee bylaws must conform to the bylaws of the MPMD and be approved by the MPMD Council. It shall be the responsibility of the chairs of the technical committees to attend each MPMD 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 MPMD representatives to administrative committees, as mentioned in Article 1, Section 2, are voting members of the MPMD and shall serve a three-year term.

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

Section 5 Failure by any MPMD Council member to participate in meetings or follow TMS or MPMD policies and procedures may be cause for replacement of the Council member during their term.

## **ARTICLE V Elections**

Section 1 To maintain continuity, the vice chair shall normally be the next chair of the MPMD 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 MPMD. 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 MPMD Council meeting, or if necessary, by electronic ballot.

**ARTICLE VI**  
**Meetings**

Section 1       The MPMD 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 MPMD Council members.

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

Section 1       The MPMD 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.   MPMD Distinguished Scientist/Engineer Award
2.   MPMD Distinguished Service Award
3.   MPMD Young Leaders Professional Development Award
4.   MPMD Student Scholarship
5.   MPMD Travel Grant

The Nominations and Awards Committee is also responsible for choosing the speaker for the EPD/MPMD Awards Luncheon, which is held each year during the TMS Annual Meeting. This MPMD committee will alternate this duty yearly with the EPD.

The chair of the Nominations and Awards Committee is appointed by the MPMD 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 MPMD Council, or its constituent technical committees, to choose the recipients of these awards.

Section 2       As noted in Section 1 above, the Nominations and Awards Committee selects the recipients of the MPMD 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. 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 MPMD Council meeting held during the TMS Annual Meeting in the year of their award. In addition, the MPMD 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 MPMD.

Section 3       The MPMD should also be active in submitting nominations for deserving MPMD members for TMS society-wide awards such as Fellow, Educator, etc.

**ARTICLE VIII**  
**Budget**

Section 1      An operations budget for MPMD 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 MPMD chair has the authority to draw upon these funds as defined in the MPMD budget. The MPMD 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 MPMD 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.

Revised and BOD approved: May 24, 2017  
Revised and BOD approved: June 7, 2012  
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Approved by BOD: August 13, 2009  
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