



Materials Innovation Committee Bylaws

Purpose Statement

The Materials Innovation Committee is charged with implementing the strategic direction provided by and making recommendations to the Board of Directors in the area of Materials and Manufacturing Innovation as guided by the most recent TMS Strategic Plan. The Materials Innovation Committee will stay abreast of the present state of materials and manufacturing innovations that may benefit society. The committee will coordinate society activities to make materials and manufacturing innovation elements more pervasive in the society, including oversight of the TMS response to, and support of, the U.S. Materials Genome Initiative and other national initiatives of relevance to the materials and manufacturing community.

The Materials Innovation Committee will serve as an advisory resource and, on an as-needed basis, provide input and direction on materials and materials manufacturing innovations to:

- The Technical Divisions and Program Committee regarding programming opportunities and coordination
- The Content Development and Dissemination Committee regarding opportunities for publication development and website content enhancement
- The Member Diversity & Development Committee regarding student-related program development and membership growth opportunities
- The Education Committee as well as the Technical Divisions regarding opportunities for development of educational resources, short courses, and continuing education offerings
- the Public & Governmental Affairs Committee regarding advocacy activities, and present or proposed public policies which may impact materials innovation

Structure

Reporting Relationship

The committee will report to the TMS Board of Directors through the TMS Vice President.

Committee Membership

This standing committee will consist of a Chair, a Vice Chair, Past Chair and 10-15 at-large members who represent the diversity of the materials science and engineering community. Members are appointed for three-year terms by the TMS Vice President and approved by the TMS Board of Directors. In addition, the committee will consist of members who serve *ex officio* as outlined below.

The *ex officio* committee members are:

- TMS Vice President (who serves at the committee's liaison to the TMS Board of Directors)
- The Chair of the Integrated Computational Materials Engineering Committee
- The Chair of the Computational Materials Science and Engineering Committee
- The Vice Chair of the Public and Governmental Affairs Committee
- Individual liaisons from each of the five technical divisions, at the discretion of the Technical Divisions, for terms determined by each Technical Division

The committee will establish Subcommittees and/or ad hoc Working Groups as needed to most effectively accomplish its objectives and engage TMS volunteers. The Chair may, with the approval of the Materials Innovation Committee, establish such subcommittees and/or ad hoc working groups as are necessary for carrying out functions of the Materials Innovation Committee. Unless appointed for a limited period or for a specific assignment, Subcommittees and/or ad hoc Working Groups will remain in existence until dissolved by the Chair as required. Any member of the Materials Innovation Committee who is a professional member or student member of TMS, in good standing, may serve as Subcommittee and/or ad hoc Working Group Chair. The initial Subcommittee and/or ad hoc Working Group Chair and/or Vice Chair will be appointed by the Chair with subsequent Subcommittee and/or ad hoc Working Group Chairs and/or Vice Chairs elected based on a simple majority of the Subcommittee and/or ad hoc Working Group members. If during the election cycle for a Subcommittee and/or ad hoc Working Group Chair and/or Vice Chair there are no interested candidates willing to fill the office, the Subcommittee and/or ad hoc Working Group will be assessed by the Chair and will be dissolved if it is determined that the Subcommittee and/or ad hoc Working Group is no longer needed, pending the approval of the Materials Innovation Committee.

Membership in a Subcommittee and/or ad hoc Working Group will be upon the appointment of the Subcommittees and/or ad hoc Working Groups Chair. These appointments will remain active until voluntarily ended by the Subcommittee and/or ad hoc Working Group member, or upon recommendation of the Subcommittee and/or ad hoc Working Group Chair. In order to be accepted as a member of a Subcommittees and/or ad hoc Working Groups, individuals must first be approved for membership in the overall Materials Innovation Committee. Non-Materials Innovation Committee members may be appointed to a Subcommittee and/or ad hoc Working Group in an advisory role.

Standing Subcommittees:

Subcommittee on TMS Accelerator Study Planning:

The Subcommittee on Accelerator Study Planning will be established with the mission to provide guidance to TMS on impactful and/or emerging topics in the federal, industrial and overall materials landscape which are well positioned to be the topic of a TMS Science and Technology Accelerator Study

(example can be found at www.tms.org). The charge of this Subcommittee will be to: 1) identify ~1-2/yr potential study topics, 2) identify potential sources of funding TMS staff to contact and assist TMS staff in approaching (when applicable), 3) identify qualified members for the study lead team and review team, 4) review report drafts (when applicable), 5) present metrics for measuring the success of reports/lessons learned for the next time. The structure of the Subcommittee of be as follows:

- The Sub-Committee Chair will be the current MIC Vice Chair.
- The Sub-Committee Vice Chair will be the current MIC Past Chair.
- The Sub-Committee would be comprised of:
 - Current MIC members (2-6) serving 2-year terms
 - P&GA representative to MIC
 - Rotating guest “advisors” from technical committees related to the potential study topic under consideration.

Membership in this Subcommittee will be upon the appointment of the MIC Vice Chair. These appointments will remain active for a two-year term or until voluntarily ended by the Subcommittee member, and/or upon recommendation of the MIC Vice Chair. In order to be accepted as a member of this Subcommittee, individuals must first be approved for membership in the overall Materials Innovation Committee. Non-Materials Innovation Committee members may be appointed to a Subcommittee in an advisory role. These advisory appointments will remain active until voluntarily ended by the Subcommittee member, and until ended by the MIC Vice Chair.

Terms of Office

- The Chair, Vice Chair and Past Chair of the committee will serve for a two-year term.
- At-large members will serve three-year terms
- *Ex officio* members of the committee will serve for the time period during which they hold the office

Meeting Schedule

At a minimum, the committee will meet twice yearly. Additional meetings may be called as required at the discretion of the Chair. The chair shall, if reasonable possible, provide a minimum of two weeks’ notice as to the date, time, and location of any additional meetings. The committee may meet at the Annual and MS&T Meetings, via teleconference, or at agreed upon locations and intervals.