

**BYLAWS OF
ASME RESEARCH COMMITTEE
ON
MECHANICS OF JOINTED STRUCTURES**

ARTICLE I – PURPOSE AND SCOPE

The Research Committee on Mechanics of Jointed Structures shall investigate a broad spectrum of issues associated with the theoretical, experimental, and computational aspects of mechanics of joints and the mechanics of jointed structures. The Committee's functions are as follows:

- Generation of new knowledge and development of guidelines for use by engineers and scientists in measurement, analysis, prediction, and design of mechanical joints and jointed structures. The forms for dissemination of this information shall include proceedings, monographs, and handbooks.
- Promotion of education, training and dissemination of new knowledge on mechanical joints and mechanics of jointed structures.
- Identification of need and the support of research leading to development of codes and guidelines by the ASME Codes and Standards Sector and other standards writing organizations
- Communication with funding agencies for research support leading to applications of these topics.
- Organization of seminars, workshops, symposia and conferences focused on these topics.
- Collaboration with relevant ASME technical divisions for carrying out the above tasks.

ARTICLE II – ORGANIZATION

The Committee shall operate as a part of the Center for Research and Technology Development – a constituent part of the Society's Knowledge and Community Sector – and shall be governed by the provisions of the Society's Constitution and Bylaws and its Policies. Should a conflict arise between any part of these Bylaws and the Constitution and Bylaws and Policies of the Society, the latter shall govern. However, the invalidity of any individual Committee Bylaw provision shall not affect the validity of the other provisions.

The Committee shall consist of at least 10 but not more than 20 members plus an undesignated number of emeritus members and an undesignated number of associate members. The Committee membership shall include engineers, research specialists, or others with special training or knowledge in fields concerned with the mechanics of jointed structures, who desire to advance the purposes of the Committee. Committee members should preferably be members of ASME, but non-members of ASME may be appointed to the Committee or subcommittee if they have expertise or a point of view not available to the Committee from an ASME member. However, a non-member of the ASME shall not be elected as Chair of the Committee. A majority of the Committee members must be ASME members.

Except at the inception when the Committee Chair invites members, the new members shall be elected by the Committee subject to the approval by the Board on Research and Technology Development (BRTD). Nominations for membership will normally be the Nominating Subcommittee but may be made from the floor at any regular Committee meeting.

Among the duties of members are:

1. Participation in organizing and carrying through workshops.
2. Define and monitor follow-up of workshops.
3. Organizing sessions in appropriate ASME conferences updating the community.
4. Organizing short courses at appropriate venues.
5. Participation as contributor or member of editorial board for handbooks and other publications.
6. Participation in meetings and teleconferences.

The regularly elected members shall make up the Research Committee on Mechanics of Jointed Structures, as referred to in these Bylaws. It shall elect a Chair, Vice-Chair, and a Secretary as its officers. This Committee will meet at least twice per year. It shall meet at such other times as called by the Chair or on request by three or more of the regularly appointed members.

A quorum for a meeting of the Committee shall consist of at least half of the regularly elected members, at least one third of whom must be physically present

ARTICLE III – EXECUTIVE SUBCOMMITTEE

The Committee may elect an Executive Subcommittee consisting of the officers and at least one but not more than two members selected from the Committee membership. The duties of the Executive Subcommittee shall be to conduct the Committee's business for the Committee in the interim between meetings of the Committee. It shall meet at the call of the Chair. All actions of the Executive Committee must be reported to and ratified by the Committee, either at its next meeting or by the majority approval by letter ballot.

ARTICLE IV – NOMINATING COMMITTEE

The Committee shall elect a Nominating Subcommittee of three members. The duties of the Nominating Subcommittee shall be:

- a. To nominate candidates for membership on the Committee. Candidates shall not be excluded from nomination based on academic, company, industrial or governmental affiliation. Associate members will be considered for full membership.
- b. To study the record of members of the Committee whose terms are expiring and renominated; only those members who are still active and voice an interest in continuing shall be considered.(c) Though not a basis of excluding anyone from membership, the nominating committee shall encourage application so as to retain a balance of expertise in relevant technologies and of international representation.
- c. To nominate candidates to fill the expiring terms of the officers of the Committee or other members of the Executive Subcommittee. Candidates shall not be excluded from nomination based on academic, company, industrial or governmental affiliation.
- d. To review the continuing interest of Committee members as indicated by their attendance at meetings and participation in Committee activities.
- e. To recommend requests for resignations in cases where members continuing interest is lacking.
- f. To nominate replacements for vacancies in the event that the Chair, Vice-Chair, or Secretary positions become vacant.

- g. To nominate Members Emeritus as described in Article IX.
- h. To keep records of elections and appointments for tenure of office as specified in Article VIII.

The Nominating Subcommittee shall make its recommendations (for Committee Officers) to the Committee at the first meeting of the year preceding the June 30 expiration date (see Article VIII), so that the Committee may take action to complete its organization for the Society year beginning July 1. However, recommendations for the addition of new members and the filling of vacancies may be made at any time during the year.

Suggestions for Committee membership shall be provided to the Nominating Subcommittee at least 30 days prior to any Committee meeting at which the Subcommittee will be making its recommendations to the Committee.

The election of members to the Nominating Committee shall be made after nomination from the floor at the Committee meeting, immediately proceeding June 30 of each year. However, action to fill a vacancy may be taken at any Committee meeting, as required. The Chair of the Nominating Subcommittee shall be the senior member in length of service on the Subcommittee.

ARTICLE V – HONORS AND AWARDS SUBCOMMITTEE

The Committee shall elect an Honors and Awards Subcommittee for the purpose of recognition of special efforts of Committee members, sponsors, and others that have participated in or contributed to the development of innovative methods for sustainable product design and manufacture. The Honors and Awards Subcommittee shall consist of a Chair, Vice Chair and Member and others as appointed by the Committee Chair to carry out the functions of the Subcommittee.

ARTICLE VI – SUBCOMMITTEES

The Committee may establish as many Subcommittees as needed to carry on its purpose. The Chair of each Subcommittee shall be appointed by the Committee Chair and shall be a member of it. Other officers, if needed, shall be elected by vote of the Subcommittee in session subject to approval of the Committee Chair. After the original organization of the Subcommittee, it may recommend additional appointments to its membership and these appointments are subject to the approval by the Committee Chair. Subcommittee members shall be appointed by the Chair of the Committee, after this approval. The Committee may discharge Subcommittees at its discretion.

ARTICLE VII – JOINT SUBCOMMITTEES

The Committee may establish Joint Subcommittees with other research activities within ASME or with other Societies, Technical Groups, Business or other groups as desired to advance the purpose of the Committee. Method of choice of members and officers of a Joint Subcommittee will be determined by conference with the sponsoring organization.

ARTICLE VIII – TERMS OF MEMBERSHIP AND TENURE OF OFFICE

The terms of membership and tenure of office shall correspond to the ASME year, which begins July 1 and terminates on June 30. Members shall be elected by the Committee subject to approval by the BRTD for an initial (trial) term of two years and may be reappointed for not more than two additional normal terms of four years each. In special or unusual circumstances, members may be nominated for

successive terms of four years, subject to approval by BRTD. In all cases, reappointment shall be based on continued interest, attendance at meetings, and active participation in the work of the Committee. Further, the Committee shall actively pursue the addition of new members on a continuing basis. The terms of members shall be staggered in order to avoid a major turnover in Committee membership in any given year.

Details of the terms of office for the Committee officers and for the Chairs and members of Subcommittees are as follows:

Committee Officers, Executive Subcommittee Members, and Chairs of Subcommittees

The terms of the Committee officers, Executive Subcommittee members shall be two years, with each being eligible for re-election to one successive term. The term of Chairs of Subcommittees shall be two years, with each being eligible for reappointment to successive terms.

Nominating Subcommittee and Honors and Awards Subcommittee

The term of each member of the Nominating and Honors and Awards Subcommittee shall be three years, and the term of one member shall expire at the end of each ASME year. Nominating and Honors and Awards Subcommittee members may not be re-elected to successive terms, but they may be elected again after a year has elapsed.

Other Subcommittees

The term of membership of Other Subcommittee members shall be for the duration of the ASME year, but may be reappointed to successive terms as long as they continue to indicate interest by attendance at Subcommittee meetings and active participation in the work of the Subcommittee. Additional terms will only be made for those with special expertise and interest in the Subcommittee's assigned task.

Joint Committees

The term of membership on a Joint Committee with other organizations shall be the same for other Subcommittees, as indicated above, except that different arrangements may be made by agreement with the other sponsoring organizations, subject to approval by the Committee and the BRTD.

ARTICLE IX – SPECIAL MEMBERSHIP

Membership Emeritus: The Committee from time-to-time may recognize the outstanding contribution made by an individual in the field of mechanics of jointed structures as an active member of the ASME Research Committee on Mechanics of Jointed Structures when the individual is no longer active in the field. Such recognition may be given by election as a member emeritus of the Committee. The announcement of election as a member emeritus should be made by the Chair of the Board on Research and Technology Development. The elected member shall hold it for life. The number of emeritus members allowed shall be unlimited, and their number shall be excluded from the minimum/maximum requirements of Article II.

Associate Membership: To provide an opportunity for additional individuals to participate in the work of the Committee, a category called "associate member" shall also be established. Associate membership may be conveyed by any member of the Executive Subcommittee to persons interested in the Committee's activities and upon attendance at no fewer than two successive meetings. Periodically the Executive Subcommittee will review the status of all associate members. Associate members have no vote in committee affairs. Associate members may be considered for full or regular committee

membership when vacancies are available. This process will be the responsibility of the Nominating Subcommittee.

ARTICLE X – COMMITTEE AND SUBCOMMITTEE RECORDS

The Secretary of the Committee shall be responsible for keeping a complete set of records for the Committee. For this reason, copies of all correspondence on Committee Affairs shall be sent to the Secretary. Copies of all minutes and pertinent correspondence shall be sent to the Director of Research. At the end of their term of office, the Secretary shall transfer these records to the incoming Secretary. Periodically records that are out of date and no longer relevant may be destroyed with the approval of the Committee.

The Nominating Subcommittee shall keep records of its nomination reports to the Committee and appointments for tenure of officers as specified in Article VIII.

Subcommittees

The Subcommittee Chair or the Secretary will keep the records of Subcommittee correspondence and actions. The Secretary of the Committee will be kept informed at all times of the activities and actions of the Subcommittees so that the file of the Secretary of the Committee will be complete.

ARTICLE XI – COMMITTEE FUNDS

All monies received by the Committee to be used to further its activities shall be deposited in a Custodian Account which will be maintained by the ASME as Custodian of the funds.

Disbursements from the Custodian Fund of under \$2,000 shall be made only with the approval of two officers of the Committee and the ASME Director of Research (or his/her designee) except that in the case where money was raised for a special project, the approval of the Chair of the Subcommittee supervising the project may be substituted for one of these approvals. Disbursements of greater than \$2,000 shall be made only after approval of the Committee, at a regular scheduled meeting or by mail vote and the ASME Director of Research (or his/her designee).

ARTICLE XII – AMENDMENTS

These Bylaws shall become effective upon approval by a majority of the Committee and by the BRTD. They may be amended at any meeting of the Committee by an affirmative vote of two-thirds of the members present, provided a majority of members is present. Any proposed change must be mailed to all members of the Committee at least 30 days before the date of the meeting. Votes received by mail prior to the meeting will be considered as votes of members present. Any amendments to these Bylaws must be approved by the BRTD.

Approvals:

Research Committee on Mechanics of Jointed Structures

June 21, 2010

Board on Research and Technology Development

September 17, 2010