

October 10, 2022

**RULES OF THE ENGINEERING CERAMICS DIVISION
OF THE AMERICAN CERAMIC SOCIETY**

ARTICLE EC-I. NAME

The official title of this Division shall be the **Engineering Ceramics Division (ECD)** of the AMERICAN CERAMIC SOCIETY (Society).

ARTICLE EC-II. PURPOSE

1. It shall be the purpose of this Division to stimulate interest in the development and utilization of technology that falls within the broad category termed Engineering Ceramics. This will be accomplished by means of 1) meetings for the presentation and discussion of professional papers, 2) publication of professional literature, 3) promotion of scientific and industrial research, and 4) other activities as are authorized by the Charter of the SOCIETY.

2. There shall be following major areas of interest defined and recognized to comprise, although not necessarily limit, the scope of the Division.

- a. Composite systems.
- b. Ceramic coatings.
- c. Materials for energy and environment related applications.
- d. Materials for space vehicles and structures and military applications.
- e. Non-destructive evaluation, modeling, and simulation
- f. Advanced processing and manufacturing methods; Additive Manufacturing and 3-D Printing.
- g. Porous ceramics including bio-application.
- h. Ultrahigh temperature ceramics.
- i. Molecular level processing of preceramic polymers.
- j. Nanostructures of engineering ceramics.
- k. Ceramic reinforced plastics.

3. This Division shall represent the SOCIETY in matters pertaining to the previously listed Areas of Interest, when specifically authorized by the Board of Directors.

ARTICLE EC-III. MEMBERSHIP

1. The membership of the Engineering Ceramics Division shall consist of those voting members of the SOCIETY whose major interest is described in the statement of purpose of the Division and who have instructed the Executive Director of the SOCIETY to enroll them in this Division.
2. Members of the Division shall be entitled to vote on matters relating to the Division.
3. Members of the Division shall be eligible to hold office in the Division and to serve as ECD Trustee representing the Division at the Society Board of Directors meetings.

ARTICLE EC-IV. OFFICERS

1. The Trustee shall represent the Division as a non-voting observer at the Board of Directors meetings of the SOCIETY and act as a liaison between the Board of Directors and the officers and members of the Division. It is the responsibility of the Trustee to track meetings and other relevant activities and actions of the Society Board of Directors and to make verbal and/or written reports to the ECD Executive Committee and members by means such as reports at the ECD Business meetings and other means as deemed necessary.
2. The Chair shall have general supervision of the affairs of the Division. He/she shall preside at all meetings of the Division and of the Executive Committee. He/she shall appoint the Standing Committees and any special committees of the Division and also representatives of the Division to Standing or special committees of the SOCIETY. The Chair shall be an ex-officio member of all of the committees of the Division. The Chair will officially take office at the Annual Meeting of the Society and Chair the last part of the Business meeting at that Annual Meeting.
 - a. The Chair will normally organize and preside over the plenary session of the Daytona Beach meeting.
 - b. The Chair will also distribute the job descriptions and time lines for each officer of the Division at the Annual Meeting of the Society. (See Appendix B)
3. The Chair-Elect: shall become Chair when the term of the outgoing Chair is ended or in the event of refusal or inability of the Chair to serve his/her term. He/She shall act as Chair of the Program Committee and will be the program chair of the Daytona Beach meeting.
4. The Vice Chair/Treasurer has three major responsibilities:
 - a. Serves on the Program/Planning Committee and is the Program Chair of the following Annual Meeting; at the conclusion of the Annual Meeting, the Vice Chair/Treasurer will normally become the Chair- Elect of the Division and, therefore, be program chair of the following Daytona Beach meeting;
 - b. Carries out the responsibilities of Treasurer as described in the Finance Committee section (5); and

c. Manages the poster session at the Daytona Beach meeting.

5. The Secretary shall (a) keep the minutes of all business and Executive Committee meetings of the Division, (b) keep a full record of the correspondence of the Division. He/She shall, upon leaving office, turn over all records of the Division to his/her successor. He/She shall serve on the Program Committee. The secretary position is normally the entry level officer position in ECD and will become Vice Chair/Treasurer at the conclusion of his/her term.

6. The Counselors shall counsel and assist the Chair in the conduct and duties of his office and shall serve as members of the Executive Committee of the Division. Traditionally, the outgoing Chair of the Division becomes the unopposed candidate for Counselor of the Division.

7. Every three years the ECD Chair shall nominate and the ECD Executive Committee appoint a non-voting Parliamentarian to the Executive Committee whose duties shall be:

- a. Attend all meetings of the ECD Executive Committee and Business meetings of ECD to advise on questions involving the Constitution, By-laws and Rules of the Society and the Rules of ECD as well as parliamentary procedure;
- b. Perform such duties as required by the Executive Committee relating to the interpretation or amendment of the ECD Rules;
- c. Keep on file an authentic copy of the Constitution, By-laws and Rules of the Society and the Rules of ECD;
- d. Report to the Executive Committee through the Chair of ECD any cases of conflict between the ECD Rules and the Constitution, By-laws and Rules of the Society;
- e. Prepare amendments to the Rules of ECD when requested to do so by the Executive Committee of ECD and perform other duties as the Executive Committee may properly assign.
- f. Any changes to the Rules recommended by the Executive Committee shall be placed before the Division in the manner established by Article EC-XI.
- g. It is recommended that Past Trustees and officers of the Division and Past Officers of the SOCIETY be given high priority for this position.

ARTICLE EC-V. GOVERNMENT

1.a The management of the affairs of this Division shall be directed by an Executive Committee consisting of the Chair, Chair-Elect, Vice Chair, Secretary, two (2) Counselors, the Trustee, the retiring Chair of the Division and a non-voting Parliamentarian. An expanded Committee consisting of the Executive Committee, Key Committee Chairs, and past officers of the Division can also participate in Executive Committee meetings, but only the Executive Committee members may vote. However, the Chair has the authority to go into executive session with only the Executive Committee members if so desired. From time to time the officers of the Division may invite other interested people to participate in the expanded committee meetings with the concurrence of the Division Chair.

1.b The Chair, Chair-Elect, Vice Chair and Secretary shall represent, as

much as is possible, different technical areas, different segments (i.e., federal government, industry, academe) and diversity of the Division.

2. The term of office of the Chair, Chair-Elect, Vice Chair, and Secretary shall be for one (1) year from the close of one Annual Meeting of the SOCIETY to the close of the next succeeding meeting, or until their respective successors have been elected and duly qualified. The term of office of the Counselors shall be two (2) years, one Counselor taking office at each Annual Meeting. The term of office of the Trustee shall be three (3) years, from the close of one Annual Meeting of the SOCIETY to the close of the third following Meeting or until a successor has been elected and duly qualified.

3. The Chair shall not be eligible for immediate re-election.

4. All vacancies occurring during the year shall be filled by appointment by the Executive Committee, in consultation, if necessary, with the Nominating Committee, unless otherwise specified in these Rules, and a person so appointed shall not forfeit the privilege of subsequent election to the same office.

5. The Rules of the Engineering Ceramic Division will be supplied by the Division Chair to the officers, Committee Chairs, and other persons concerned with operations within the Division. These procedures can be used as a guide for conducting the affairs of the Division in an orderly fashion. The Chair and Parliamentarian shall be responsible for keeping the Rules and standard operating procedures up-to-date.

ARTICLE EC-VI. NOMINATIONS AND ELECTIONS

1. The Division Nominating Committee shall consist of three (3) members, of whom one (1) the immediate past chair of the Division, as a voting chair, the other two (2) shall be nominated by the current nominating committee members, and approved by the Executive Committee at the ECD Business Meeting at the Society Annual Meeting. This Committee shall serve during the term of office of the Chair of the Division.

2. The Division Nominating Committee shall select one or more incoming secretary candidates for approval by the executive committee members of the division, if necessary, to fill a vacancy, nominate one or more candidates for Trustee representative of this Division. The new nominating committee (after current Annual Meeting) will nominate candidates for the election after the following Society Annual Meeting. These nominees will be announced at the ECD Executive Committee and Business Meetings at the Society Annual Meeting immediately prior to the elections. The nominee's names are seconded and approved at the ECD Business Meeting at the Society Annual Meeting. The names of the nominees, together with their acceptance, shall be communicated to the Chair of the Division on or before the Society Annual Meeting so that the new Chair can transmit the slate to the Society for publication in The American Ceramic Society Bulletin or on the Society Internet.

3. The Chair of the Division shall transmit the names of the nominees of the Division to the Headquarters of the American Ceramic SOCIETY in enough time so that the American Ceramic Society ballots can be sent out to the Society members.

4. Any voting members, who collectively represent at least 10% of the Division members, may, by signed petition, nominate incoming secretary and officer candidates provided the signed petition(s) with written assurance of assent of the candidate or candidates, a photograph and biographical information, reaches the ECD Chair on or before six months prior to the forthcoming Annual Meeting,

to be in time for incorporation into a ballot as prescribed by the By-Laws and Rules of the SOCIETY, after the publication of the nominees of the Division Nominating Committee in the business meeting.

5. In the event of election as an officer of the SOCIETY, or in the event of the refusal to act, or incapacity to act, of the Trustee representative of this Division, the Chair of the Division shall immediately notify the Nominating Committee and they shall appoint a successor to the office of Trustee, subject to the approval of the Executive Committee, to serve until the close of the next Annual Meeting and until a successor is elected and qualifies to fill the unexpired term, if any, as provided in Article EC-VI, Sections 2 and 3 hereof.

6. The Nominating Committee, in consultation with the Division Chair, will also nominate ECD members for positions as Officers, Committee members and other Society-wide positions, including a representative to the Society Panel of Fellows for a three year term or sooner if the current representative must step down. It is recommended that the representative also serve on the ECD Fellows committee. These names will be transmitted to the appropriate Society staff, Committee Chairs, Directors or Officers of the Society prior to the Annual Society Meeting or at any other time, as deemed necessary.

ARTICLE EC-VII. MEETINGS

1. The Annual Business Meeting of the Division shall be held during the week of the Annual Meeting of the SOCIETY.

2. Ten (10) voting members belong to the Division shall constitute a quorum. The majority shall rule, except as otherwise specified in these Rules.

3. Special business meetings of the Division may be called by the Chair with the approval of the Executive Committee or by petition of ten (10) voting members upon thirty (30) days notice.

4. The recommended protocol for conducting a business meeting is appended to these rules as Appendix A.

5. Executive Committee meetings will be held at the Annual Meeting of the SOCIETY and at the annual winter meeting (Daytona Beach) of the Division on site and/or over video conference via the web or network. The Chair of the Division can also call a meeting of the Executive Committee at any time a special situation arises.

6. Any Executive Committee meetings (closed and open) are invitation only events. Only ECD chair can invite people who can attend the meetings.

7. Normally the Division will meet twice a year for the purpose of presenting technical papers: once at the Annual Meeting and once at a winter meeting (Daytona Beach). From time to time the Division may decide, by approval of the Executive Committee, to meet with other Divisions of the SOCIETY or other technical groups outside the SOCIETY in addition to the two normally held meetings.

8. Any meetings having met the above qualification and called by the Chair shall be kept to the rules of the division.

ARTICLE EC-VIII. RELATIONS WITH THE SOCIETY

1. As soon as possible after election and as far in advance of the next Annual Meeting as practical, the newly elected Chair of the Division shall make all of the appointments for his/her term of office to the standing

committees as required by the Rules of the Division and the By-Laws and Rules of the SOCIETY.

2. The Chair of the Division shall promptly appoint Division representatives to special committees of the SOCIETY upon notification from the President of the SOCIETY.

3. The Division shall not expend funds of the SOCIETY or incur indebtedness without the formal approval of the Society Board of Directors.

4. The Provisions of the Constitution, By-Laws, and Rules of the SOCIETY shall govern the procedure of the Division, but no action or obligation of the Division shall be considered an action or obligations of the SOCIETY. This By-Law shall be imprinted on any publication issued by the Division.

5. In the event of the dissolution of the Engineering Ceramics Division and the discharge of its debts and settlement of its affairs, any funds and property of the Division remaining thereafter shall be conveyed to the SOCIETY for the general purposes of the SOCIETY in promoting the ceramic arts and sciences.

ARTICLE EC-IX. COMMITTEES

The Standing Committees of the Division shall be as follows: committees shall serve during the term of office of the Division Chair except as otherwise provided in these Rules.

- a.) Fellows Nominating (Section 1)
- b.) Awards (Section 2)
- c.) James Mueller Memorial Lecture (Section 3)
- d.) Nominating (Article EC-VI)
- e.) Program (Section 4)
- f.) Finance (Section 5)
- g.) Engineering Ceramics Bridge Building Award (Section 6)
- h.) International Committee (Section 7)
- i.) Engineering Ceramics Division Global Young Investigator (GYI) Award Committee (Section 8)
- j.) Jubilee Global Diversity Award (Section 9)
- k.) Global Star Award (Section 10)

1. Fellows Nominating Committee:

The Fellows Nominating Committee shall consist of a Chair and two (2) members, one (1) new member being appointed each year by the incoming Chair of the Division for a term of three (3) years. All members of the Committee shall be Fellows of the SOCIETY. The senior member shall be Chair of the Committee in his/her final year.

The members of the Committee shall select, after careful consideration of members of the Engineering Ceramics Division deemed to be qualified and deserving for nomination of Fellowship based on the requirements set forth in the SOCIETY constitution, By-Laws and Rules, a suitable member or members of the Division each year as nominees.

The purpose of the Committee is only to supplement the already established procedure of Fellowship nomination under the rules of the SOCIETY to assure a regular, continuing procedure to acknowledge qualified members of the Division for possible nomination.

2. The Awards Committee:

a. The Awards Committee shall consist of a Chair and two (2) members, one (1) new member being appointed each year by the incoming Chair of the Division for a term of three (3) years. The chair of the Mueller Award Committee (ECD Chair), the Chair of the Bridge Building Award (ECD Chair-Elect) and the Fellows Nominating Committee Chair are ex-officio members of the committee. The Chair of the Division is authorized to appoint additional members for a full or partial term as necessary to the operation of the Committee or to replace a member unable to continue his/her term; the Chair of the Division shall appoint a Chair of the Awards Committee in the event that the senior member who would normally be Chair does not complete his/her term. The Committee shall administer award programs established by the Executive Committee of the Engineering Ceramics Division. If so directed by the Executive Committee, the Awards Committee will establish the rules governing the award programs and will appoint judges to evaluate the applicants.

b. The Division Chair will pass on to the incoming Awards Committee Chair at the Annual Meeting of the Society the job description of this position together the established timetable for execution and completion of the annual awards process.

c. This committee, in consultation with the Division Chair, will also nominate ECD members for Society awards.

d. The procedures and protocol for poster and paper awards at the Daytona Beach Meeting are documented in Appendix C.

3. The James I. Mueller Memorial Award:

a. The main purpose of this award is to recognize the significant contributions of James I. Mueller to the Engineering Ceramics Division and the field of Engineering Ceramics. It is the intent of this award to recognize the accomplishments of individuals that have made similar contributions and for this person to deliver the first presentation at the Annual Daytona Beach Meeting.

b. The James I. Mueller Memorial Lecture Committee shall consist of the

Division Trustee, Division Chair (committee chair), Division Vice Chair/treasurer, Immediate Past Chair of the Division, and the Chair of the Awards Committee. The Chair of this Committee will be the ECD Division Chair.

- c. The two main criteria to be used in selecting the recipient will be 1.) long term service to the Engineering Ceramics Division and 2.) work in the area of engineering ceramics that has made a significant industrial, national, or academic impact. Award selection can be based on either criteria number one or number two or a combination of both.
- d. The award will consist of a Mueller Memorial Plaque, Certificate and an Honorarium (\$1,000.00) as well as complementary registration.

4. Committee on Programs:

The Chair-Elect of the Division shall be Chair of the Committee on Programs.

This Committee shall also consist of the Vice Chair/Treasurer and the Secretary and one or two additional member/s. It shall be the duties of the Committee to solicit papers and to plan the program for the Annual and winter (Daytona Beach) Meetings of the Division and to maintain the standard of the papers in accordance with Article EC-X.

The Program Sub-Committee on Topical Programming shall consist of a Chair and any additional members he/she may deem necessary, said members to be appointed by the Chair subject to the approval of the Division Chair.

It shall be the duties of this Committee to be a liaison to the SOCIETY's Programs and Meetings Committee on the technical interests of the Division, to arrange symposia on timely subjects in conjunction with the Committee on Programs, to represent the Division in matters pertaining to programming in Engineering Ceramics and allied industries, to survey pertinent research activities and report to the Division, and to suggest, advise, and consult in regards to future programming of the Division and to other groups when approved by the Executive Committee.

5. Finance Committee:

a. Members:

- 1.) Trustee - Chair
- 2.) Chair
- 3.) Chair-Elect
- 4.) Vice-chair/Treasurer
- 5.) ACerS Meetings Director or Designee: non-voting

b. Purpose:

- 1.) To organize and conduct the financial affairs of the Engineering Ceramics Division;
- 2.) Have flexibility to obtain funds for innovative ECD programs in a timely fashion, and have a financial entity to manage these funds;
- 3.) Understand and control ECD operating funds.

c. Procedures for ECD Operating Fund Expenditures:

- 1.) All fund requests are to be initiated through the ECD Treasurer. The ECD treasurer will prepare an approval letter to ACerS for ECD Chair and Trustee signature or for additional ECD Finance Committee approval.
 - a.) \$5000 or less: approval letter signed by ECD Chair and Trustee.
 - b.) More than \$5000: finance committee majority approval in addition to Chair and Trustee.
 - 2.) The ECD Treasurer will provide a report of ECD Operating Fund activity at ECD Executive Committee Meetings. This will include a year-end ECD Operating Fund summary at the January Daytona Beach Meeting.
 - 3.) The Finance Committee Chair will provide a report covering any pertinent ECD Finance Committee issues at ECD Executive Committee Meetings.
 - 4.) The Finance Committee Chair (Trustee) will submit a year-end summary of the expenditures from the ECD's operating (discretionary) fund (prepared by the Treasurer) to the Executive Director of the Society.

Assistance with this report or other financial matters can be obtained from the accounting department of the Society.
 - d. Engineering ceramics division jubilee fund (See Appendix D)

The sources of the ECD Jubilee Fund are from contributions of corporations, individuals, and jubilee book royalties. The ECD Executive Committee will manage the utilization of the funds for these recognitions and amount with the approval of the Executive Director. The financial and investment responsibilities shall be the Executive Director, with approval of the Board of Directors. The fund should be utilized as scholars, travel grants and Global Graduate Researchers Network (GGRN) for minority professionals, students and young professionals
6. Engineering Ceramics Division Bridge Building Award:
- a. This award is intended to recognize individuals outside of the United States who have made outstanding contributions to Engineering Ceramics. It is intended that the award winner will present a keynote lecture at the Daytona Beach meeting during the Plenary session.
 - b. The two main criteria to be used in selecting the recipient of this award will be 1.) the individual's contribution to the field of Engineering Ceramics, including expansion of the knowledge base and their commercial use and 2.) the individual's contributions to the visibility of the field and international advocacy. The award can be based on either criteria 1.) or 2.) or a combination of both. It is further recommended that as much as possible the awardees geographic location alternate between Europe and the Far East.
 - c. The committee shall consist of the Division Chair, Chair-Elect (committee chair), Vice Chair/Treasurer, Awards Committee Chair, and Trustee of ECD with the Division Chair-Elect as the Chair of this committee.
 - d. The award will consist of a Bridge Builder Plaque, award certificate and an \$1000.00 Honorarium, as well as complementary registration.

7. International Committee:

a. The main functions and responsibilities of the committee are as follows:

1. Provide annual formal input to the Division and promote emerging technology areas and recommendations for future directions;
2. Attract international members and have them more actively participate in the ECD leadership activities;
3. Help identify and foster future ECD and ACerS' leaders;
4. Help the ECD and ACerS award selection processes;
5. Provide tangible benefits to the international members;
6. Fostering international leadership within ECD;
7. Recommend new focused sessions, champions and speakers;
8. Participate in the ECD Bridge-Building award selection Process;
9. Establish collaborations with international (in particular, ceramic) societies;
10. Present a report to the ECD Executive committee at the ECD annual winter meeting.

b.) Committee characteristics:

1. The committee shall be comprised of three to five committee members, with staggered two-year terms;
2. Chair of the committee appointed by the Division Chair, preferably an international member;
3. Chair will serve as an ex-officio member on the Bridge- Building committee

8. Engineering Ceramics Division Global Young Investigator (GYI) Award

a. This award is intended to recognize the outstanding young ceramic engineer and scientist whose achievements have been significant to the profession and to the general welfare of community around the globe. Nominations are open to candidates from industry, academia, or government-funded laboratory - across the world.

b. The committee shall consist of the Chair, Chair-Elect, Vice Chair/Treasurer, Trustee and Awards Committee Chair of ECD, with the ECD Vice Chair as the Chair of this committee.

c. The award will be presented in the Plenary Session of International Conference of Advanced Ceramics and Composites (ICACC). It is intended that the award winner will present a keynote lecture at the Global Young Investigator Forum of the ICACC meeting.

d. The main criteria used in selecting the recipient of this award will be (1) the individual's contribution to the field of Ceramics Science and Engineering, including expansion of the knowledge base and their commercial use and (2) the individual's contributions to the promotion

of conferences and technical events, global young professional forum, and other professional events, which resulted in visibility of the field and international advocacy. A nominee must be 35 years old or younger at the time of award presentation (January 1st of the award year), and is required to be a member of The American Ceramic Society. The award committee can consider special situations (e.g., extended time away due to family and health reasons, military service, etc.) and consider waiving the age requirements for exceptional candidates in special cases. Nominations can be made by any individual or group. Self nominations are strongly encouraged.

- e. The deadline for nominations is July 15 in the year preceding to the next International Conference on Advanced Ceramics and Composites.
- f. The award consists of US\$ 1,000 honorarium, and a certificate containing a citation of achievement on which the award is based, as well as complimentary registration.

9. Jubilee Global Diversity Award

- a. This award is intended to recognize exceptional early- to mid-career professionals who are women and/or underrepresented minorities (i.e. based on race, ethnicity, nationality and/or geographic location) in the area of ceramic science and engineering.
- b. The committee shall consist of the Trustee, Chair, Chair-Elect, Vice Chair/Treasurer, James I Mueller and Bridge Building award winners of the award nomination year, and ECD Awards Committee Chair, with the ECD Trustee as Chair of this committee.
- c. The main criteria for this award will be: 1) Contributions to the field of ceramic science and engineering, 2) Demonstrated commitment to mentoring students and young professionals, and 3) Promotion of the society and its related activities in the broader community.
- d. The nominee must be 45 years old or younger at the time of the award presentation (January 1st of the Award Year) and a member of The American Ceramic Society and Engineering Ceramics Division. However, award committee can consider special situations (extended time away due to family and health reasons, military service, etc.) and consider waiving off the age requirements for exceptional candidates in special cases.
- e. Nominations can be made by any individual or group that is a member of ACerS. Self-nominations are allowed and strongly encouraged as well. A one page nomination letter along with a brief CV (up to 3 pages) highlighting nominees contributions listed in (c) are required.
- f. The deadline for nominations is August 1 in the year prior to ICACC where the award will be given.
- g. Three awards will be given each year along with a certificate, complimentary registration, and US \$1000 honorarium to be presented during the plenary session of ICACC. The awardees will make invited presentations at ICACC.

10. Global Star Award (Section 10)

- a. This award is intended to recognize the outstanding active organizers and volunteers for their contributions to the Engineering Ceramics Division (ECD) and to the technical program of the International Conference & Exposition on Advanced Ceramics & Composites (ICACC) meeting.
- b. The award recipients are selected by the ICACC Program Chair with agreement from the ECD Executive Committee.

- c. Five awards will be given each year along with a certificate to be presented during the plenary session of ICACC.

11. Any reports made by a Committee of the Division shall be written in triplicate and one copy kept in the permanent file of that particular committee, the second copy to the Chair of the Division to be incorporated into his/her permanent files, and the third copy sent to Secretary of the Division for his/her files or to be turned over to the SOCIETY with a request for publication, if necessary. All standing committee and special committee files shall be turned in to the Secretary of the Division following the Annual Meeting to be given to the new committees following their appointment by the new Chair of the Division.

12. The Chair of the Division shall appoint such special Committees as he/she may deem necessary. The appointment of the Chair of each special committee shall be subject to the approval of the Executive Committee of the Division.

ARTICLE EC-X. PRESENTATIONS AND PUBLICATION OF PAPERS

1. The time allowed for the presentation of any paper or discussion before any meeting of this Division may be limited to the discretion of the Chair, unless otherwise ordered by vote of the members present.

2. Recommended procedure for the presentation of papers of the AMERICAN CERAMIC SOCIETY shall be followed.

3. Papers dealing with materials or products designated only by trade names may not be presented before the Division unless the trade name is one in general use for a material of well-known composition or unless sufficient data are given to identify completely the material in a scientific manner.

4. Abstracts of papers to be presented before any meeting of the Division shall be in the hands of the Chair of the Programs Committee not less than one hundred twenty (120) days prior to the meeting date, unless especially authorized by the Executive Committee of the Division.

5. The Chair of the Programs Committee may, at his/her discretion, require the submission of two (2) copies of the final manuscripts of papers to be presented before any meeting of the Division not less than thirty (30) days prior to the meeting date.

ARTICLE EC-XI. AMENDMENTS

1. Amendments to this Division's Rules which are not inconsistent with the Constitution, By-Laws, and Rules of the SOCIETY may be proposed by the following methods:

- a. Petition of ten (10) individual voting members to the Division Chair.
- b. The proposed amendments submitted in writing by the individuals to the Parliamentarian require the approval of the Parliamentarian and Executive Committee of ECD.
- c. The Parliamentarian and Executive Committee can propose amendments to the Rules of ECD when requested to do so by the Executive Committee member of ECD.
- d. When the Executive committee of ECD approves the rules changes by the majority of vote, the changes can be provisionally effective.
- e. Any changes to the Rules recommended by the Executive Committee shall be placed in the manner established by Article EC-XI.

2. Upon affirmative vote at the Annual Business Meeting, the modified Division's Rules shall be published to the total membership of the Division within 90 days of such vote. Amendments to the modified rules may be accomplished according to Article EC-XI, 1, a above.

ARTICLE EC-XII

PROTOCOL FOR ANNUAL ECD BUSINESS MEETING is in APPENDIX A

ARTICLE EC-XIV

Position descriptions and time lines for the various officers of ECD are documented in Appendix B. August 2002.

ARTICLE EC-XV

Protocol for the Daytona Beach Conference Awards is in Appendix C.

APPENDIX A

PROTOCOL FOR ANNUAL ECD BUSINESS MEETING

1. Chair calls to order:
 - a. Affirms presence of quorum (10 members)
 - b. Introduces any dignitaries present: current ACerS Officers, Past presidents, etc.
 - c. General comments from Chair
2. Various Committee Reports (Chair's discretion)
 - a. Trustees
 - b. Treasurer's Report
 - c. Membership
 - d. Rules
 - e. Awards
 - f. Fellows Nominating
 - g. Others: programming, strategic planning, corporate relations, etc.
 - h. Current Nominating Committee announces their selection for formal nomination of new officer candidates/s for vote by ECD membership in the fall election
 - i. Chair announces additional nominees, when chair receives the nominations by the petition, - if none move to close nominations
 - j. Formal vote on nomination taken
3. ACerS Officer Presentation: The ACerS President or his/her representative may come to the meeting at some point. It is proper to interrupt agenda and ask President/representative to make presentation, etc.
4. Chair turns meeting over to in-coming Chair:
 - a. Introduce new officer/officers of Division
 - b. New committee appointees and chairs (key ones)
 - c. New Nominating Committee (three members):

1.) Immediate past chair of the Division will serve as a voting chair, and the other two are nominated by the current nominating committee members.

2.) The names are seconded and approved.

5. Any additional old business

6. New business from floor

7. Adjourn meeting

Appendix B

Position descriptions and timelines for the various officers of ECD

This document should be used as a guide to supplement the official assignments and responsibilities of the Engineering Ceramic Division Executive Committee as outlined in the current "Rules of The Engineering Ceramics Division of The American Ceramic Society". This document should be presented to all new members of the ECD Executive Committee to help them in performing their ECD commitments.

The traditional progression of responsibilities through the Engineering Ceramic Division Executive Committee is as follows:

1. Secretary
2. Vice-Chair / Treasurer
3. Chair-Elect
4. Chair
5. Counselor I
6. Counselor II
7. Trustee

These positions are typically for a one (1) year term beginning with the ECD Business meeting at the ACerS Annual meeting and concluding at the same meeting the following year.

This document should be amended as often as necessary to remain current with the requirements of the ECD Executive Committee. The process for amending this document is to forward all suggested changes to the ECD Trustee.

The Trustee will poll the ECD Executive Committee regarding the suggested amendments, if approved, the ECD Secretary will update the Tasks and Timing document and distribute to all ECD Executive Committee members the updated version.

1. Secretary

a. perform all committee assignments and voting responsibilities as outlined in the current Rules of The Engineering Ceramics Division of The American Ceramic Society.

b. record minutes at all ECD Executive and Business meetings, to include:

- collect name/contact information of all attendees
- collect all committee reports

Distribute to the ECD Executive Committee an electronic draft of the ECD Executive meetings at Daytona Beach and the ACerS Annual meetings within 1

month of each meeting. This draft should include a summary of all 'action items' and appropriate point-of-contact.

c. act as ECD liaison with ACerS staff to insure that the ECD homepage on the ACerS website contains current and accurate information. This should be done at a minimum once during each term within 1 month of assuming the position of ECD Secretary at the ACerS Annual meeting.

d. act as the primary editor of the Ceramic Engineering & Science Proceedings volumes related to the current year Daytona Beach Conference. In this capacity you will serve as the point-of-contact for all Proceedings authors, ACerS staff, the Daytona Beach Program chair, and the ECD Executive Committee. Your responsibilities will include:

- adhering to the time schedule set by ACerS staff to insure timely publication

- insuring that all final manuscripts are accompanied by the required paperwork

- coordinating with the Program chair on manuscript placement within the Proceedings

e. maintain a current copy of the ECD Rules and Tasks & Timing documentation. Distribute to all ECD Executive Committee members an updated version of these documents when changes are inacted.

f. attend planning meeting for next year's ACerS Annual meeting. Represent ECD along with the Vice-Chair/Treasurer at this meeting to frame potential symposia topics and coordinate financial sponsorship.

g. begin preliminary planning for the Daytona Beach Conference technical program to be held two years hence.

h. insure a smooth transition for the successor ECD Secretary by proving electronic versions of all ECD minutes collected during your tenure. This should occur within 1 month of vacating the position of ECD Secretary.

i. amend this task guideline as necessary to increase both its accuracy and utility for the person who follows you in this position. Provide the ECD Trustee with a copy of any suggested changes / updates "to the Tasks and Timing" document for action by the full Executive Committee.

2. Vice-Chair / Treasurer

a. perform all committee assignments and voting responsibilities as outlined in the current Rules of The Engineering Ceramics Division of The American Ceramic Society.

b. act as ECD liaison with ACerS staff to insure that the ECD Executive Committee has an accurate accounting of ECD finances. Provide the ECD Executive Committee an electronic report of ECD finances twice yearly.

- reporting timeframe: (1) year end and (2) end of March

- information can be obtained from ACerS Finance & Administration department

c. serve as ECD point-of-contact for all ECD-sponsored technical programming at the next ACerS Annual meeting. Insure that all ECD

affiliated symposia /division programs meet all ACerS documentation deadlines. Duties to include:

- room and session chair designation as required
- organization of submitted abstracts into coherent technical sessions
- coordinate all symposia funding requests / present requests to ECD Executive committee for action
- coordinate as required with ACerS General Program Chair

d. serve as Chair for the current year Daytona Beach Conference's Poster Session. Duties include:

- meet all programming deadlines established by the Daytona Beach General Chair
- organization of submitted abstracts into a coherent technical session
- serve as point-of-contact for all Poster Session authors
- coordinate with ACerS staff to insure adequate space for all presentations

e. continue planning next year's Daytona Beach Conference; a target deadline schedule is presented below:

1. due by Current Year Daytona Beach Conference:

- present tentative symposia/focused session topic list at ECD Executive meeting
- identify symposia/focused topic champions
- identify any external funding obtained to support the proposed program
- Chair Daytona Beach Planning meeting (typically Wednesday lunch meeting)
- obtain ECD Executive Committee approved finances to support the proposed program

2. January - April (next calendar year):

- finalize program planning with symposia/focused session champions
- coordinate with ACerS staff for publication of Call for Papers
- meet all ACerS staff deadlines for conference advertising

3. Current Year ACerS Annual Meeting:

- present finalized Call for Papers program at ECD Executive meeting

f. amend this task guideline as necessary to increase both its accuracy

and utility for the person who follows you in this position. Provide the ECD Trustee with a copy of any suggested changes / updates "to the Tasks and Timing" document for action by the full Executive Committee.

3. Chair-Elect

a. perform all committee assignments and voting responsibilities as outlined in the current Rules of The Engineering Ceramics Division of The American Ceramic Society.

b. act as General Program Chair of the current year Daytona Beach Conference. In this capacity you will serve as the primary point-of- contact for ACerS staff, symposia/focused session champions, and abstract authors. Your duties will include:

- assure transfer of abstracts to appropriate champion
- interact with ACerS staff frequently, at a minimum once per week during the abstract submission period
- provide symposia focused session champions a schedule for technical program development, to include:
 - timetable for submission of technical sessions
 - selection of session chairs
- allocate room and time slots to symposia / focused topics
- coordinate Plenary session with ECD Chair
- coordinate Best Paper Awards recognition with prior year Awards Chair
- coordinate poster/manuscript judging with current year Award
- Ch arbitrate all conflicts between authors, champions, ACerS staff
- a meet all ACerS staff deadlines for information submission
- i suggest that symposia / focused session chair send letter of thanks
- r for any external funding
- received; the letter should be co-signed by CB General Program Chair and ECD Chair

c. serve as secondary editor of the Ceramic Engineering & Science Proceedings volumes related to the current year Daytona Beach Conference. Coordinate timely publication of the Proceedings with both the ECD Secretary (primary editor) and ACerS staff.

d. appoint ECD members /ECD Executive Committee members to all ECD committees 1 month prior to assuming Chair position. Current ECD committees include: (1) Awards, (2) ECD Bridge Builder, (3) ECD Nominating, (4) Fellows Nomination, (5) Finance, (6) Mueller Lecture, and (7) Programs.

Inform both the ECD Executive Committee and appropriate ACerS Staff of these appointments.

e. amend this task guideline as necessary to increase both its accuracy and utility for the person who follows you in this position. Provide the ECD Trustee with a copy of any suggested changes / updates "to the Tasks and Timing" document for action by the full Executive Committee.

4. Chair

a. perform all committee assignments and voting responsibilities as outlined in the current Rules of The Engineering Ceramics Division of The American Ceramic Society.

b. serve as ECD point-of-contact with ACerS for all official Division/Society level communications. These communications include:

- inform ACerS of all ECD committee appointments
- provide ACerS a written report of year over activities
- present ECD status report at ACerS Town Hall during current year ACerS Annual meeting
- arbitrate any conflicts within ECD committees

c. serve as chair of the Plenary session during the current year Daytona Beach Conference. These duties include:

- coordinate Best Paper Awards with prior year Awards Chair
- solicit invited speaker(s) to present timely technical presentations
- insure availability of Best Paper, Mueller, and Bridge Builder award certificates and prizes
- invite ACerS President to address Daytona Beach participants at the Plenary session

d. schedule ECD Executive Committee and Business meetings at both the current year Daytona Beach Conference and the ACerS Annual meeting. These duties include:

- solicit agenda topics from ECD Executive Committee members
- obtain room and time slot for all meetings from ACerS staff
- invite ACerS visitors to ECD Executive meetings including:
 - current ACerS President
 - ACerS President-Elect
 - ACerS Executive Director
 - NICE President
- prepare meeting agenda and distribute to ECD Executive Committee for comment, a minimum of 2 weeks prior to the scheduled meeting
- provide ACerS with notification of meeting schedule for public announcement

e. amend this task guideline as necessary to increase both its accuracy and utility for the person who follows you in this position. Provide the ECD Trustee with a copy of any suggested changes / updates "to the Tasks and Timing" document for action by the full Executive Committee.

5. and 6. Counselor I and II

a. perform all committee assignments and voting responsibilities as outlined in the current Rules of The Engineering Ceramics Division of The

American Ceramic Society.

b. assist the Chair or other ECD Executive Committee member as requested

c. amend this task guideline as necessary to increase both its accuracy and utility for the person who follows you in this position. Provide the ECD Trustee with a copy of any suggested changes / updates "to the Tasks and Timing" document for action by the full Executive Committee.

7. Trustee

a. perform all committee assignments and voting responsibilities as outlined in the current Rules of The Engineering Ceramics Division of The American Ceramic Society.

b. serve as the ECD liaison to the ACerS Board of Directors. Provide the ECD Executive Committee with both written and oral reports of all ACerS Board of Directors meetings.

c. provide all new members of the ECD Executive Committee a current copy of the ECD Rules and Tasks & Timing upon election to the Committee. This should occur within 1 month of appointment to the ECD Executive Committee.

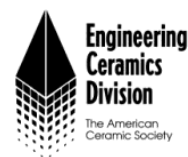
d. amend this task guideline as necessary to increase both its accuracy and utility for the person who follows you in this position. Provide the ECD Trustee with a copy of any suggested changes / updates "to the Tasks and Timing" document for action by the full Executive Committee.

Appendix C

Daytona Beach Conference Awards

ECD Best Poster Awards Rules

- (1) ECD selects ICACC Best Posters each year from the posters that are presented at the Annual Daytona Beach Conference.
- (2) Invited papers are not eligible for awards.
- (3) The Daytona Beach Best Poster Awards must be selected from the posters that are presented at the Daytona Beach Conference during the specified poster presentation period when the poster evaluation is performed.
- (4) The Best Poster Award selection committee will consist of ECD Awards Committee Chair, and the Award Committee Members. Additional Award Selection Committee members may include ECD Program Chair, and other technical reviewers.
- (5) The Best Poster Selection Committee will evaluate all eligible posters using the criteria of "Quality of Presentation", "Quality and Thoroughness of Methods, Tests and Applications", "Technical/Scientific Strength", and "Impact to the Ceramics Community" to select the Best Posters.
- (6) The Best Poster awards will consist of the first, second and third prizes. The cash awards for the first, second and third place prizes of each award category (the Best Poster) will be \$500, \$300 and \$200, respectively. All winning authors will also receive award certificates.
- (7) Honorable mentions and Trustee Award will be made at the Awards Committee's discretion.
- (8) The identification of poster specific evaluations will be destroyed after the ACerS Annual meeting.



Best Poster Award Evaluation

Paper No.: Title: Authors:

Scores*

[A] Quality of Presentation

[B] Quality and Thoroughness of Methods, Tests and Applications

[C] Technical/Scientific Strength

[D] Impact to the Ceramics Community

Initial Total Score

* Score code: 0-5 OK; 6-10 Good; 11-15 Very Good; 16-20 Excellent; 21-25 Outstanding.

Comments:

Appendix D

Engineering Ceramics Division Jubilee Fund

In order to provide mentoring, sustained growth, and development opportunities for the next generation, it became quite apparent and critical to establish ECD Jubilee Fund to sponsor these activities. The Jubilee Fund will be used to encourage, develop, and promote students, women and under-represented minorities, and early/mid-career young professionals in the field of ceramic science and technology through their active involvement and participation in Engineering Ceramics Division and the Society. This program will also develop and foster cooperation among young professionals from different parts of the world.

- (1) ECD Jubilee Scholars
Every year, three early/mid-career women and minority professionals will be selected as ECD Jubilee Scholars. These women and minority scholars will make presentations at the ICACC in Daytona Beach, FL (annual winter meeting of the Division). These scholars will also be encouraged to mentor students and promote society related activities at their institutions.
- (2) ECD Jubilee Travel Grants for Students and Young Professionals
This fund will be used to encourage participation of young professionals (students and early career professionals) to attend the ICACC in Daytona Beach, FL. This support will enable next generation of engineers and scientist to attend and present at the prestigious conference and start their life long involvement with the Division and the Society.
- (3) ECD Global Engagement in Ceramic Science and Technology (ECD-GECST) Programs
This program will be used to support the recruitment of graduate students and young professionals who are interested in the field of ceramic science and technology. In the first phase, Global Graduate Researchers Network (GGRN) Membership fee support will be provided to groups of students at certain locations. This support will enable graduate students to become members of ECD and ACerS. This program will be open to students and young professionals from all over the world.