



**2017/2018 Division & Class Report  
to the  
ACerS Board of Directors**

Division/Class: Engineering Ceramics Division

Current Division/Class Officers: (complete as appropriate for your Division or Class)

Chair: **Jingyang Wang**  
Chair-Elect: **Manabu Fukushima**  
Vice-chair/Treasurer: **Surojit Gupta**  
Secretary: **Valerie Wiesner**  
Secretary-Elect: **Hisayuki Suematsu**  
Trustee: **Tatsuki Ohji** (till April. ECD appreciates Dr. Tatsuki Ohji for his long-term leadership, service, and devotion.) **Michael Halbig** (April to October, 2018)  
Parliamentarian: **Dileep Singh**  
Counselor: **Soshu Kiriara**  
Counselor: **Andrew Gyekenyesi**  
ACerS Board Liaison: **Sanjay Mathur**  
PCSA Representative: **Chris Kassner**

Incoming Division Officers: (complete as appropriate for your Division or Class)

**Note:** most Divisions change officers at the ACerS Annual Meeting in October (MS&T). If your Division changes officers at another time, please indicate when incoming officers will begin their terms: \_\_\_\_\_ **2018-19**

Chair: **Manabu Fukushima**  
Chair-Elect: **Surojit Gupta**  
Vice-chair/Treasurer: **Valerie Wiesner**  
Secretary: **Hisayuki Suematsu**  
Secretary-Elect: (Nomination to be approved in ECD Business Meeting at MS&T)  
Trustee: **Michael Halbig (2018-21)**  
Parliamentarian: (Nomination to be approved in ECD ExCom meeting at MS&T)  
Counselor: **Andrew Gyekenyesi**  
Counselor: **Jingyang Wang**

**Summary of Meetings and Activities Held/To Be Held (from Oct. 2017 through Oct. 2018):**

***ECD Executive Committee meetings held twice a year [MS&T (October) and ICACC (January)].***

**42nd International Conference on Advanced Ceramics and Composites (ICACC 2018)**

Daytona Beach, Florida, January 21-26, 2018

**ICACC2018 - HONORARY SYMPOSIUM: Advancing frontiers of ceramics for sustainable societal development – International symposium in honor of Dr. Mrityunjay Singh**

Daytona Beach, Florida, January 22-26, 2018

**ICACC2018 - 7<sup>th</sup> Global Young Investigators Forum**

Daytona Beach, Florida, January 22-23, 2018

**ICACC 2018 - Mechanical Properties of Ceramics and Glass Short Course - ACerS short course**  
Daytona Beach, Fla., January 25-26, 2018

**19th International Symposium on Eco-Materials Processing and Design**

Jaipur, India, February 21-25, 2018

[Conference Chair: Sanjay Mathur is ECD member and ECD Past Chair]

**CIMTEC2018 - 14th International Ceramics Congress**

Perugia, Italy, June 4-8, 2018

[Numerous ECD members serving as organizers, scientific committee or invited lecturers]

**7th International Congress on Ceramics (ICC7)**

Foz do Iguazú – PR, Brazil, June 17-21, 2018

[Numerous ECD members serving as organizers, scientific committee or invited lecturers]

**12th International Conference on Ceramic Materials and Components for Energy and Environmental Applications (CMCEE2018),**

Singapore, July 22-27, 2018

[ECD leaders and members serving as joint conference chairs]

**Materials Challenges in Alternative & Renewable Energy (MCARE 2018)**

Vancouver, BC Canada, August 20-23, 2018

[One of the Chairs: Sanjay Mathur is ECD member and ECD Past Chair]

**Global Engagement in Ceramic Science and Technology (GECST) Program – 3rd year**

The GECST program continued in its third year with the aim of encouraging, developing, and promoting students and young professionals in the field of ceramic science and technology through the active involvement and participation in the ECD. The program will also develop and foster cooperation among young professionals from different parts of the world. The program also sponsors the ACerS's Global Graduate Researchers Network (GGRN) Membership while encouraging an equal number of student sponsorships by Professors/Universities (allowing multi-year registration and leveraging of resources). ECD acknowledges Surojit Gupta's highly dedicated work for this program.

**ECD has 1698 members as of August 31, 2018.**

**Future Planned Meetings/Activities (from Nov. 2018 – October 2019):**

**43rd International Conference on Advanced Ceramics and Composites (ICACC 2019)**

Daytona Beach, Florida, January 27 – February 1, 2019

**ICACC 2019 - 40th Anniversary Richard M. Fulrath Award Symposium: Frontiers of Ceramics for Sustainable Society**

Daytona Beach, Florida, January 27 – February 1, 2019

**ICACC 2019 - 8th Global Young Investigators Forum**

Daytona Beach, Florida, January 27 – February 1, 2019

**2nd Global Forum on Advanced Materials and Technologies for Sustainable Development (GFMAT-2)**

Toronto, Canada, July 21-26, 2019

[Numerous ECD leaders serving as joint conference chairs]

**10th International Conference on High temperature Ceramic Matrix Composites (HT-CMC 10)**

Bordeaux September 22-26, 2019

[Numerous ECD members serving as joint conference chairs and symposium organizers]

**13th Pacific Rim Conference on Ceramic and Glass Technology (PACRIM 2019)**

Okinawa, Japan, October 23-31, 2019.

[Numerous ECD members serving as joint conference chairs and symposium organizers]

**New Initiatives/Opportunities:**

**ECD Jubilee Global Diversity Award**

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. 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 meeting of the Division). These scholars will also be encouraged to mentor students and promote society related activities at their institutions. The 2019 award winners have been selected and their bio is posted on ICACC 2019 website.

**ECD Volunteer Recruitment and Retention Activities**

ECD is continuously working to recruit and retain volunteers and reward them with nomination for a number of division and society level awards.

**ECD additional budget for GGRN membership**

ECD ExCom approved additional \$1000 from ECD budget to support GGRN membership in additional to \$2500 from ACerS. This is a good use of ECD budget for investing in students and the future.

**Action Items for ACerS Board Consideration at October 13, 2018 meeting:**

None

**Issues/Concerns:**

None

**Additional Items of Note:**

N/A

**Financial Statement: (Including year-end summary of expenditures from the Division's Funds)**

Attached

Submitted By: Jingyang Wang, Chair of Engineering Ceramics Division, 2017-2018