



**2014/2015 Division & Class Report  
to the  
ACerS Board of Directors**

Division/Class: \_\_\_\_\_ GOMD \_\_\_\_\_

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

Chair: Steve Feller  
Chair-Elect: Randy Youngman  
Vice-chair: Edgar Zanotto  
Secretary: Pierre Lucas  
Secretary-Elect: Liping Huang

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

Chair: Randy Youngman  
Chair-Elect: Edgar Zanotto  
Vice-chair: Pierre Lucas  
Secretary: Liping Huang

Summary of Meetings and Activities Held/To Be Held (from Oct. 2014 through Oct. 2015):

MS&T, Pittsburgh, PA October 2014;  
Joint GOMD/DGG Miami, FL, May 2015;  
MS&T, Columbus, OH, October 2015. Some details follow.

The Cooper scholar honored at MS&T 2014 was Nicole Johnson of Coe College.

The GOMD-DGG second joint meeting was held in Miami, Florida, May 17-23, 2015. Gang Chen, Steve W. Martin, and Reinhard Conradt served as program chairs. The meeting consisted of the following five symposia:

SYMPOSIUM 1: Energy and Environmental Aspects –Fundamentals and Application  
SYMPOSIUM 2: Glasses in Healthcare – Fundamentals and Application  
SYMPOSIUM 3: Fundamentals of the Glassy State  
SYMPOSIUM 4: Optical and Electronic Materials and Devices– Fundamentals and Application  
SYMPOSIUM 5: Glass Technology and Cross-cutting Topics

Award winners for GOMD in Miami included: Prof. Sabyasachi Sen and Dr. Steven Jung gave the Varshneya Frontiers of Glass Science and technology lectures, N.B. Singh gave the Stookey Lecture of Discovery, Jianrong Qiu was selected as the Morey Award winner but was unable to attend due to a visa issue, Michael J. Guerette of RPI was the Norbert J. Kreidl Award winner for Young Scholars.

This meeting was very successful with well over 400 attendees.

John McCloy will chair the GOMD program at MS&T 2015, which will be in Columbus, Ohio from October 4-8, 2015. Topics to be covered there include

- Glass structure analysis to understand structural origin of macroscopic properties
- Novel glasses and synthetic routes for glass formation

- Novel optical materials preparation, functionality or applications
- Topology of amorphous structures
- Property characterization and spectroscopy of glasses
- Bioglasses and bioceramics
- Glass thin films and functional photonic devices
- Nanoparticles, nanostructures, superstructural groups in glasses and optical materials
- New industrial applications and functionality involving optical materials
- Cooper award session (the student winner is: Emily Aaldenberg of RPI)

Future Planned Meetings/Activities (from Nov. 2015 – October 2016):

GOMD, Madison, WI. May, 22-26, 2016 at the Madison Concourse Hotel and Governor's Club

MS&T, Salt Lake City, UT, October 23-27, 2016

12th Pacific Rim Conference on Ceramic and Glass Technology (PACRIM 12), including Glass & Optical Materials Division Meeting (GOMD 2017) Hilton Waikoloa Village, Waikoloa, Hawaii

MS&T, Pittsburgh, PA Oct 9-12, 2017

ICG 2019, Boston, MA

New Initiatives/Opportunities:

Membership rose to 893 from 676. This was consistent with an increase from the popular joint GOMD/DGG meeting that was held in Miami and some consequent loss in membership associated with the Aachen joint meeting.

Discussion has begun about developing a closer relationship between glass scientists in Japan and GOMD, perhaps through joint activities or planning at the 2017 PACRIM Meeting that will be held in Hawaii.

GOMD and ACerS are planning to formally recognize and participate in the 100<sup>th</sup> Anniversary of the Society of Glass Technology (UK). Their centennial celebration occurs in 2016 and we intend to send a delegation (to include Steve Feller, Mario Affatigato, Edgar Zanutto, and Randy Youngman) and letters of congratulations from the president of ACerS and the GOMD chair to their annual meeting. This meeting will be the ESG 2016/SGT100 conference at the University of Sheffield (UK) in September 2016.

Action Items for ACerS Board Consideration at October 3, 2015 meeting: none

Issues/Concerns: none

Additional Items of Note: none

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

Submitted By: Steve Feller, Chair

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WITH THE SUBJECT HEADING OF "xxx DIVISION ANNUAL REPORT"