

International Organization for Crystal Growth Report of the activities of the triennium 2016-19 Prepared by Koichi Kakimoto, President IOCG

The President and Executive Committee were engaged in a series of initiatives as briefly outlined below:

1) Minute of Silence for Prof. M. Schieber, Naiben Ming, Chuanftian Chen and Piet Bennema

Minute of Silence was held to commemorate Prof. Michael Schieber, Naiben Ming, Chuanftian Chen and Pieter Bennema for their life and achievements to crystal growth community.

2) Approve of the Report of the last General Assembly Meeting in Nagoya,

IOCG Council recommended approval of the Report of the last General Assembly Meeting in Nagoya, 2016 [Reports published in Journal of Crystal Growth, 468 (2017) pp 5-8]. Then, it was approved during General Assembly.

3) Record of the IOCG website (www.iocg.org)

Ms. Iwona Rozko from McMaster University always updates our web site on time. The Web site counter: Google analytics in May we had 203 visits. In the last 180 days we had 1300, mostly from China, Russia, USA, Canada, and India. It only shows 25% are returning users, 75% are new. We have a chance to boost up.

4) Promotion and coordination of regional meetings

IOCG was actively involved in the organization of the following 17 meetings:

- I. International Conference on Crystal Growth and Epitaxy, ICCGE-19, Keystone, Colorado, USA, July 28–August 2, 2019.
- II. The International Summer School on Crystal Growth ISSCG-17, YMCA of the Rockies - Snow Mountain Ranch, Granby, Colorado, USA, July 21-26, 2019.
- III. Mechanisms and Non-Linear Problems of Nucleation and Growth of Crystals and Thin Films, St. Petersburg, Russia, 1-5 July 2019
- IV. 3rd German Polish Conference on Crystal Growth (GPCCG-3), Poznań University of Technology, Poznań, Poland March 17-21, 2019
- V. International Symposium on Modeling of Crystal Growth Processes and Devices, MCGPD-2019, SSN Research Centre, SSN Institutions, Chennai, India, 26 - 28 February 2019.
- VI. International Symposium & School on Crystal Growth Fundamentals "New Insights into Crystal Growth Fundamentals: A tribute to Profs. Ichiro Sunagawa and Pieter Bennema" Sendai, Japan, November 3-7, 2018.
- VII. International Workshop on Modeling in Crystal Growth (IWMCG-9), Big Island, Hawaii, USA, October 21-24, 2018.
- VIII. 6th European Conference on Crystal Growth (ECCG-6) Riviera Holiday Club, Varna, Bulgaria, September 16-20, 2018.
- IX. 2nd European School on Crystal Growth (ESCG-2) Riviera Holiday Club, Varna, Bulgaria, 13th-16th September 2018.

- X. The British Association of Crystal Growth (BACG), 49th Annual Conference, University of Limerick, Ireland, June 20 -22, 2018.
- XI. 7th Asian Conference on Crystal Growth and Crystal Technology (CGCT-7), Changchun, Jilin, China, October 15-18, 2017.
- XII. IWGO 2017 2nd International Workshop on Gallium Oxide and Related Materials, Parma, Italy, September 13-15, 2017.
- XIII. 21st American Conference on Crystal Growth and Epitaxy (ACCGE-21) and 18th US Workshop on Organometallic Vapor Phase Epitaxy (OMVPE-18) and 3rd Symposium on 2D Electronic Materials and Symposium on Epitaxy of Complex Oxides, Santa Fe, New Mexico, USA, July 30 -August 4, 2017.
- XIV. The 9th International Conference on Advanced Materials, ROCAM 2017 & The 2nd International Symposium on Dielectric Materials and Applications, ISYDMA 2017, July 11-14 2017, Bucharest, Romania.
- XV. 7th International Workshop on Crystal Growth Technology, Potsdam (near Berlin), Germany, July 2-6, 2017.
- XVI. Gordon Research Conference on Crystal Growth & Assembly, University of New England, Biddeford, ME, USA, June 25-30, 2017.
- XVII. 10th International Conference of Polish Society for Crystal Growth ICPCSG10 - Zakopane, Poland, 16-21 October 2016.

5) Contacts to other international organizations

- I. Algerian delegates informed that the FUURE Agrarian association for crystal growth is willing to join IOCG.
- II. Bulgarian delegates informed that the FUURE Bulgarian association for crystal growth is willing to join IOCG.
- III. French delegates informed that the last Groupe Français de Croissance Cristalline (GFCC) was changed to the French Committee for Crystal Growth (CFCC, Comité Français de Croissance Cristalline).

4) Support to ICCGE-19 and ISSCG-17

President and Executive Committee have been constantly in contact with the American organizers of ICCGE-19 and ISSCG-17, providing advices and inputs in order to set up the scientific program, advertise the meeting and get the IUCR sponsorship.

5) Frank, Laudise and Schieber Prizes

The selection committees for the Frank, Laudise and Schieber Prizes were appointed in due time and chaired by the two IOCG Vice-presidents. There were a number of nominations of excellent candidates. The three winners are: Prof. Darrell Schlom and Reinhard Uecker (Frank Prize), Prof. Kazuo Nakajima (Laudise Prize), Dr. Anton Jesche (Schieber Prize).

Key Issues for the Triennium 2019-22

- Promotion and coordination of regional and topical Meetings on Crystal Growth
- Establish a dialog with other organization to cooperate on new promising research fields (graphene, biological crystallization, new semiconductors, etc. ...).
- Support to organization of ICCGE-20 and ISSCG-18 in Italy.
- Update of IOCG website and statistics of the visit/downloads.
- Education. Promote international and regional schools “where the potential students

are". Support to existing permanent educational activities.

- Prizes: Advertise the Laudise, Frank and Schieber prizes and promote nominations.
- Extend the number of national organizations: Encourage to form national association to stimulate them to join IOCG.
- Financial support: Due to ARTICLE III, Funds and Finance, Section I - Loans - The ICCGE conference will provide 3% of the registration income to the IOCG. Discussion regarding how to use this income is started.