

Report of IOCG activity in 2019 – 2023

1. Web site update: The site was revised, for example history of ICCGE by the support of the Hanna and Iwona. 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, India. It only shows 25% are returning users, 75% are new. We have a chance to boost up
2. Belgium delegates: Prof. Dominique Maes will present Belgian candidature.
3. Mexico delegates: Dr Marius Ramirez Cardona informed that the Mexican Crystallographic Society (SMCr) is willing to join IOCG.
4. Conferences: list
 - [March 6-8, 2023 Chennai, Tamilnadu, India, 3rd International Symposium on Modeling of Crystal Growth Processes and Devices, MCGPD-2023](#)
 - [7th European Conference on Crystal Growth \(ECCG7\), Paris, France, July 25-27, 2022](#)
 - [3rd European School on Crystal Growth \(ESCG3\), Paris, France, July 20-23, 2022](#)
 - [8th International Workshop on Crystal Growth Technology \(IWCGT-8\), Berlin, Germany, May 29-June 2, 2022](#)
 - [25th Congress of the International Union of Crystallography, Prague, Czech Republic, in hybrid congress format, August 14-22, 2021](#)
 - [22nd American Conference on Crystal Growth and Epitaxy \(ACCGE-22\) and 20th U.S. Biennial Workshop on Organometallic Vapor Phase Epitaxy \(OMVPE-20\), Virtual Conference, August 2-4, 2021](#)
 - [2nd International Symposium on Modeling of Crystal Growth Processes and Devices, MCGPD-2021. The abstract submission date is extended to 20th June 2021, Chennai, India, July 5-8, 2021](#)
 - [Mini-symposium MS425: Computational modeling of growth and processing of single-crystal materials, at the 14th World Congress on Computational Mechanics \(WCCM XIV\) and the 8th European Congress on Computational Methods in Applied Sciences and Engineering \(ECCOMAS 2020\) Paris, France, January 11 – 15, 2021](#)
 - [The 9th German-French Workshop on Oxide, Dielectric and Laser single crystals \(WODIL 2020\), IKZ, Berlin, Germany, September 17-18, 2020](#)
 - [The 27th AACGE Western Section Conference on Crystal Growth and Epitaxy, Stanford Sierra Camp in Fallen Leaf Lake, CA, USA, June 14-17, 2020](#)

These conferences were affiliated with IOCG and accordingly, they are displayed in IOCG Web site.

5. IOCG Council update. IOCG Secretary contacted all National Organizations using email mass message. The first message was sent on 15th Sept. 2022. Technically, the contact encountered several problems, partially related to the recent political developments, including Ukraine war. The motivation was two-fold: (i) election of Executive Committee for 2023-2025 term, (ii) determination updated IOCG Council for 2023-2025 term, in accordance with the recent elections. Additionally, COVID-19 caused disturbances in IOCG international activities, therefore the action was necessary, and was approved by IOCG President. The results of the verification are as follows:

Representing the National Organizations:

- **Australia** Peter Spackman (after ICCGE 20)- *communicated by Franca Jones (12.10.2022)*
- **Brasil** Ana de Spirito Santo
- **China** Zhanggui Hu, Jie Wanqi,, Haohai Yu - *communicated by Zhanggui Hu (30.09.2022).*
- **Czechy** Robert Kral - *communicated by Zdeněk Kožíšek (30.09.2022)*
- **France** Monika Budayova-Spano, Matias Velazquez - *communicated by Matias Velazquez (30.09.2022)*
- **Germany** Andreas Erb, Wolfram Miller, Jochen Friedrich - *communicated by Christiane Frank-Rotsch (30.09.2022)*
- **Hungary** Laszlo Granasy - *communicated by Laszlo Granasy (03.11.2022)*
- **India** Perumal Ramasamy, Mutu Senthil Pandian, Binay Kumar - *communicated by Perumal Ramasamy (26.09.2022)*
- **Ireland** Damien Thompson - *communicated by Brian Glennon (12.10.2022)*
- **Israel** Michael Roth - *communicated by Michael Roth (03.11.2022)*
- **Italy** Linda Pastero - *communicated by Andrea Zappettini (03.10.2022)*
- **Japan** Gen Sazaki, Yoshihiro Kangawa, Kozo Fujiwara - *communicated by Hiroshi Fujioka (20.09.2022)*
- **Korea** Seung Min Kang - *communicated by Yi Kyung-woo (14.11.2022)*
- **The Netherlands** Carmen Guguta - *communicated by Antoine van der Heijden (16.09.2022)*
- **Poland** Michał Leszczynski, Dorota Anna Pawlak - *communicated by Michał Leszczynski (01.12.2022)*

- **Romania** Daniel Vizman *communicated by Daniel Vizman (07.12.2022)*
- **Russia** Pavel Fedorov, Evgeny Zharikov, Alexey Voloshin - *communicated by Alexander Chernyadev (from Alexey Voloshin) (07.12.2022)*
- **Spain** Jose Luis Plaza, Jose Antonio Gavira – *communicated by Pilar Gomez Sal (20.01.2023)*
- **Switzerland** Enrico Giannini - *communicated by Enrico Giannini (15.09.2022)*
- **Ukraine** Borys V. Grynov, Volodymyr Semynozhenko, Igor M. Pritula - *communicated by Bogdan Sadovyi (from Igor Pritula) (07.12.2022)*
- **UK** Sally Price, Linda Seton, Ghazala Sadiq - *communicated by Lynda Seton (08.12.2022)*
- **USA** Mariya Zhuravleva, Joan M. Redwing, Peter G. Vekilov - *communicated by Mariya Zhuravleva (24.09.2022)*

These IOCG members were confirmed by National Organizations for 2023-2025 term that will terminate during ICCGE-21 Conference in Xi-an, China. Crystal Growth community and IOCG would like to express their warmest gratitude the following Members of IOCG Council that terminate their service representing National Organizations:

- **Australia** Franca Jones
- **Czechy** Zdeněk Kožíšek
- **Ireland** Brian Glennon
- **Japan** Satoshi Uda
- **Korea** J. G. Choi, H. J. P. Kim
- **Netherlands** Antoine van der Heijden, Hans te Nijenhuis
- **Poland** Dorota Pawlak, Dobrosława Kasprowicz
- **Romania** Horia V. Alexandru
- **United Kingdom** Joop ter Horst
- **USA** Robert M. Biefeld

IOCG thanks these researchers for their excellent service to the Organization. IOCG and crystal growth community appreciates their achievements in the research field in the past and wishes fruitful activity in the research area in the future.

Representing the General Assembly:

- Sebastian Lourdudoss (**Sweden**) – *proposed to replace by Yanting Sun by Sebastian Lourdudoss (01.10.2022)*
- Vesselin Tonchev (**Bulgaria**)– *confirmed by Vesselin Tonchev (02.10.2022)*
- Laura Fornaro (**Uruguay**) - – *confirmed by Laura Fornaro (02.10.2022)*
- Antoni Dabkowski (**Canada**)- *confirmed by Hanna Dabkowska (15.09.2022)*

- Lynda Amirouche (**Algeria**)- *confirmed by Lynda Amirouche (04.01.2023)*
- Hans Erik Lundager Madsen
- Chung-wen Lan

These IOCG represented General Assembly in the 2021—2023 term. According to the Constitution the new 10 representatives of General Assembly will be elected during ICCGE-20 Conference. The above Council members could be reelected.

6. The election of the new IOCG Officers and Members of Executive Committee started by selection of the Nomination Committee. Executive Committee accepted the following Nomination Committee members: Roberto Fornari (Italy) – chairman, Satoshi Uda (Japan), Jiyang Wang (China), Keshra Sangwal (Poland), Vince Fratello (USA) on 30th Oct. 2022. All selected Nomination Committee members accepted the job. The Nomination Committee proposed following candidates:

Officers:

- President: Elias Vlieg (The Netherlands)
- Co-Vice Presidents: Joan Redwing (USA), Gen Sazaki (Japan)
- Secretary: Stanislaw Krukowski (Poland)
- Treasurer: Jeff Derby (USA)

Members

- Christiane Frank-Rotsch (Germany)
- Hiroshi Fujioka (Japan)
- Dominique Maes (Belgium)
- Igor M. Pritula (Ukraine)
- Elisabeth Suja (India)
- Matias Velazquez (France)
- Daniel Vizman (Roumania)
- Mariya Zhurvleva (USA)
- Zhanggui Hu (China)
- Alexey Voloshin (Russia)

Since the acting IOCG Secretary, Stanisław Krukowski was nominated as a candidate, the modification of the voting procedure was necessary to avoid conflict of interests. Accordingly, the votes were collected by IOCG President, Koichi Kakimoto who is not candidate for the future term. The call for votes was send on 23rd Jan 2023, i.e. more than 6 months before beginning of

ICCGE-20 Conference. The deadline was finally set to 1st March 2023. The results were announced on 14th March 2023 by President Prof. Koichi Kakimoto. In total 67 Council members were entitled to vote. From that 42 cast their votes. The following candidates were elected:

Officers:

- President: Elias Vlieg (The Netherlands)
- Co-Vice Presidents: (Vote for two) Joan Redwing (USA), Gen Sazaki (Japan)
- Secretary: Stanislaw Krukowski (Poland)
- Treasurer: Jeff Derby (USA)

Members

- Christiane Frank-Rotsch (Germany)
- Hiroshi Fujioka (Japan)
- Dominique Maes (Belgium)
- Igor M. Pritula (Ukraine)
- Elisabeth Suja (India)
- Matias Velazquez (France)
- Daniel Vizman (Romania)
- Mariya Zhuravleva (USA)

The other two candidates: Zhanggui Hu (China) and Alexey Voloshin (Russia) were not elected. The elected candidates are subject to final approval by General Assembly during ICCGE-20 Conference in Naples.

Crystal Growth community and IOCG would like to express their warmest gratitude the Officers and Members of the Executive Committee that terminate their service to IOCG:

- | | |
|----------------------------|--------------------------|
| • Hanna Dabkowska (Canada) | Vicepresident |
| • Roberto Fornari (Italy) | Immediate Past President |
| • Abel Moreno (Mexico) | Member |
| • Yusuke Mori (Japan) | Member |
| • Pierre Muller (France) | Member |
| • Alexey Voloshin (Russia) | Member |
| • Jim de Yoreo (USA) | Member |
| • Vincent Fratello (USA) | Chairman ICCGE-19 |

In addition to the excellent service of these researchers to Organization crystal growth community

appreciates their achievements in the research field in the past and wishes fruitful activity in the research area in the future.

7. In accordance to IOCG Byelaws IOCG Executive Committee elected the members of Selection Committee: Prof. Thierry Duffar (France) – Chairman, Prof. Christine Wang (USA), Dr. Christiane Frank-Rotsch (Germany), Prof. Katsuo Tsukamoto (Japan) and Prof. Jiyang Wang (China). For the Frank Prize, three candidates were nominated. After careful consideration the Selection Committee chose two parallel winners of Frank Prize: Prof. Juan Manuel Garcia-Ruiz and Prof. Peter G. Vekilov. The winners were invited to present plenary lectures at ICCGE-20 Conference.

For the second Prize, i.e. Laudise Prize, two candidates were nominated. After careful consideration the Selection Committee chose the winners of Laudise Prize: Prof. Peter Rudolph. The winner was invited to present plenary lectures at ICCGE-20 Conference.

8. In parallel the members of Selection Committee of the Schieber Prize were elected: Prof. Jeffrey Derby (USA) – Chairman, Prof. Matthias Bickermann (Germany) and Prof. Maria Hilse (USA). Three candidates were nominated for the Schieber Prize The Selection Committee selected Prof. Bharat Jalan as the winner of Schieber Prize. The winner was invited to present plenary lectures at ICCGE-20 Conference.
9. Prof. Elias Vlieg was asked to prepare new set of rules for selection of the winners of Frank and Laudise Prizes. Such regulation was prepared and will be subjected to approval by IOCG.
10. IOCG supports a part of fee of ISSCG-18 in Parma. The total amount is 3000 USD which based on the Article IV, Section 4 of the Constitution.