

Report on the Meetings of the International Organization for Crystal Growth Executive Council and General Assembly held during ICCGE-18 in Nagoya (Japan) August 7-12, 2016

The International Organization for Crystal Growth (IOCG) Executive Committee, Council and General Assembly met in the week 7-12 August 2016. Participation quorum was achieved at all the meetings.

The report from Beijing Meetings, 2010 can be found in [1]

Report on the IOCG EXECUTIVE COUNCIL MEETING held during ICCGE-18 in Nagoya (Japan) August 11, 2016

1. The report about the Triennial activities was presented by the President.

Among the most important initiatives reported are: i) joint IOCG/E-MRS symposium at the Spring Meeting of E-MRS in Lille, 2014; ii) revision and update of IOCG website; iii) promotion, endorsement and support of nine meetings related to crystal growth; iv) support to organization of ICCGE-18 and ISSCG-16; v) joint initiative with IUCR for the International Year of Crystallography in 2014, namely the creation of a website “Artificially Grown Crystals” (<http://iycr2014.org/participate/crystal-growing>). This initiative was largely accomplished during the year of crystallography, and it is still in progress. Many researchers submitted pictures of their crystals to this site, which is open and citable. There is a link to this site at IOCG.org website (<http://iocg.org/gallery/index.html>).

2. The Secretary announced the results of the election of IOCG officers and executive committee members for 2016-2019 terms.

Elected Officers and Executive Committee Members of the IOCG (2016-2019)

President	K. Kakimoto (Japan)
Vice-Presidents	T. Kuech (USA) and E. Vlieg (The Netherlands)
Secretary	H. Dabkowska (Canada)
Treasurer	J. Derby (USA)
Immediate Past President	R. Fornari (Italy)
Honorary Principal Founder IOCG	M. Schieber (Israel)

Executive Committee

S L. Baldochi	(Brasil)
J. M. Garcia-Ruiz	(Spain)
M. Heuken	(Germany)
S. Krukowski	(Poland)
Y. Mori	(Japan)
A. Voloshin	(Russia)
JiY. Wang	(China)
J. De Yoreo	(USA)

Ex-officio members of the executive committee

Chairmen ICCGE-17	Y. Arakawa, K. Kakimoto (Japan)
Chairmen ICCGE-18	J.Derby, V.Fratello (USA)

Councilors:

(a) Representing National Organizations

Australia	F. Jones
Brazil	S. Baldochi
China	J.Y. Wang
Czech Republic	Z. Kozisek
France	T. Duffar, F. Puel
Germany	C. Frank-Rotsch, J. Friedrich, W. Miller
Hungary	L. Granasy
India	P. Ramasamy, J. Kumar
Ireland	B. Glennon
Israel	M. Roth
Italy	A. Zappettini
Japan	H. Fuijoka, Y. Takeda, Y. Furukawa
Korea	W.B. Shim, S.M. Kang, J.G. Choi
The Netherlands	H.T.Nijenhuis, R. Keltjens
Poland	D. Pawlak, D. Kasprowicz
Romania	H.V. Alexandru
Russia	P. Fedorof, A. E. Voloshin, E. Zharikov
Spain	F. Otorola
Switzerland	E. Giannini
Ukraine	B. Gryniiov, I. Pritula, V. Semynozhenko
United Kingdom	M. Quayle, N. De Leeuw, T. Joyce
U.S.A.	R. Biefield, J. M. Redwing, M. Zhuravleva

(b) Representing the General Assembly

Algeria	L. Amirouche
Belgium	D. Maes
Bulgaria	V. Tonchev
Canada	A. Dabkowski
Sweden	S. Lourdodoss
Mexico	A. Moreno
Taiwan	C.W. Lan
Singapore	X.Y. Liu
Uruguay	L. Fornaro

Ex-Officio Executive Committee Members Representing International Unions

International Union of Crystallography, IUCr	A. Zappettini (Italy)
International Union on Pure and Applied Physics, IUPAP	J. Adler (Israel) <i>unconfirmed</i>
International Association of Pure and Applied Chemistry, IUPAC	J.W. Jost (USA) <i>unconfirmed</i>

Ex-Officio Executive Committee Members Serving as Representatives to International Unions

International Union of Crystallography, IUCr	E. Vlieg (The Netherlands)
International Union on Pure and Applied Physics, IUPAP	Vacant
International Association of Pure and Applied Chemistry, IUPAC	Vacant

3. The winners of the IOCG awards were announced.

The IOCG Frank Prize was awarded to Prof. Gerald Stringfellow, University of Utah (USA), for his pioneering work in the development of the foundations of organometallic vapor phase epitaxial growth of compound semiconductors. The IOCG Laudise Prize: Prof. Chung-Wen Lan from National Taiwan University for his development of the crystal growth technology for high-performance multi-crystalline silicon for the solar cell industry. The Schieber Prize, sponsored by Elsevier, was awarded to Dr. Alexander Van Driessche, ISTERre, CNRS, Grenoble, France, for his pioneering work in the study of nucleation and growth of crystals from the nano-to-macroscale. The Award ceremony took place on 8 August 2016 during ICCGE-18 in Nagoya.

4. The Treasurer's Report was presented.

The account balance on August 14, 2013 was 19464.54 USD. The expenditures over the last reporting period included the IUPAC membership dues, tax payments for three years, and fees and costs associated with the IOCG (www.iocg.org) website registration and maintenance. The closing account balance on August 2016 was \$ 27825.90 USD, with the increase due to 8863.81 USD contributions from ICCGE17 in Warsaw.

5. The progress in the organisation of the 19th International Conference on Crystal Growth and Epitaxy ICCGE-19 and the 17th International School of Crystal Growth ISSCG-17 in Colorado, USA was reported by the organizers. The representatives of Italian Crystal Growth Section presented a bid to host ICCGE-20 and ISSCG-18 respectively in Naples and Parma, Italy. There was a general consent on the proposal and they were invited to finalize their proposal at the next General Assembly in Keystone.

6. The following updates and revisions to the Chart of National Members and the consequent amendments to the Section 1, Article VII of the IOCG Constitution were proposed by the President and approved to be moved forward to the IOCG General Assembly. They will require the approval at the General Assemblies of the ICCGE-19 and ICCGE-20 to become permanent.

Constitutional Amendment Motion:

It was moved that Section 1, Article VII of the IOCG Constitution becomes:

“The Charter National/Regional Organizations of IOCG are listed in the Chart of National/Regional Organizations, which is maintained by the Secretary. This Chart begins with the 1971 founding members: Groupe Français de Croissance Cristalline, American Association for Crystal Growth, Japanese Committee for Crystal Growth, British Association for Crystal Growth, Crystal Growth Section of the Swiss Society for Crystallography, Israeli Organization for Growth of Crystals and Thin Films, the Italian Association for Crystal Growth, the Dutch Association for Crystal Growth, the Spanish Association for Crystal Growth and the Deutsche Gesellschaft für Kristallwachstum and Kristallzüchtung. Members who were admitted at a later date are included along with the admission date. The chart also reports the changes of name and/or status of Members and will be updated at least every three years.”

The revised Chart of National Members is attached.

7. The following changes in the Constitution, already approved at ICCGE-17 for the second time, were moved to be presented to the IOCG General Assembly for the third and final approval.

List of Constitutional Amendments moved for the final approval:

7.a The International Conference on Crystal Growth, ICCG is renamed to the International Conference on Crystal Growth and Epitaxy (ICCGE) and all references to ICCG in the constitution and By-laws are changed to ICCGE.

7.b The IOCG Constitution is amended such that Article III section 1 will read as “The Executive Committee shall consist of the five Officers, the Past President, the Chairman or Chairmen of the past ICCGE the Chairman or Chairmen of the next ICCGE and up to ten additional members elected by the Council.”

7. c The IOCG Constitution is amended such that Article IV section 1 includes the sentence: “The Council may also include ex-officio members as described in the Bylaws”

8. There was no change to the Bylaws.

All provisional amendments are included in the IOCG Constitution and Bylaws with different text colors. The amendments that were approved for the third time and are definitive are inserted with no special color as part of standard text.

The General Assembly Meeting held during ICCGE-18 in Nagoya (Japan) August 11, 2016**1. The General Assembly approved the membership of the new Council and the Officers.**

The following councillors were elected to represent the General Assembly:

L.Amirouche (Algeria), D. Maes (Belgium), V. Tonchev (Bulgaria),
A. Dabkowski (Canada), S. Lourdos (Sweden), A. Moreno (Mexico),
C.W. Lan (Taiwan), X.Y. Liu (Singapore), L. Fornaro (Uruguay).

2. The award of IOCG Prizes was announced:

1.1 The IOCG Frank Prize was awarded to Prof. Gerald Stringfellow, University of Utah (USA) for his pioneering work in the development of the foundations of organometallic vapor phase epitaxial growth of compound semiconductors.

1.2 The IOCG Laudise Prize: Prof. Chung-wen Lan from National Taiwan University for his development of the crystal growth technology for high-performance multi-crystalline silicon for the solar cell industry.

Both these prizes were sponsored by ICCGE-18 organizers.

1.3 The Schieber Prize, sponsored by Elsevier, was awarded to Dr. Alexander Van Driessche, ISTERre, CNRS, Grenoble, France, for his pioneering work in the study of nucleation and growth of crystals from the nano-to-macroscale.

3. The Treasurer's Report was approved.

The account balance on August 14, 2013 was 19464.54 USD. The expenditures over the last reporting period included the IUPAC membership dues, tax payments for three years, and fees and costs associated with the IOCG (www.iocg.org) website registration and maintenance. The closing account balance on August 2016 was \$ 27825.90 USD, with the increase due to 8863.81 USD contributions from ICCGE17 in Warsaw.

4. List of Constitutional Amendments moved and finally approved.

4.a The International Conference on Crystal Growth, ICCG is renamed to the International Conference on Crystal Growth and Epitaxy (ICCGE) and all references to ICCG in the constitution and By-laws are changed to ICCGE.

4.b The IOCG Constitution is amended such that Article III section 1 will read as “The Executive Committee shall consist of the five Officers, the Past President, the Chairman or Chairmen of the past ICCGE the Chairman or Chairmen of the next ICCGE and up to ten additional members elected by the Council.”

4. c The IOCG Constitution is amended such that Article IV section 1 includes the sentence: “The Council may also include ex-officio members as described in the Bylaws”

These amendments become permanent changes to the Constitution now.

5. Constitutional Amendment Motion:

It was moved and approved that Section 1, Article VII of the IOCG Constitution becomes:

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The layout of the revised Chart of National Members is attached. This update will require the approval at the General Assemblies of the ICCGE-19 and ICCGE-20 to become permanent.

6. Votes of thanks were expressed to the Japanese Association for Crystal Growth and the organizing Committees of ICCGE-18 and ISSCG-16 for the hosting of such a memorable meetings, to the IOCG Prize Nominating Committees and to the retiring Officers and Executive Committee Members of IOCG.

Dr Hanna Dabkowska, Secretary IOCG, 2013-2019

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References: [1] T. F. Kuech J. Cryst. Growth 318 (211) 1184-1186

Attachment: Chart of National Organizations, all members of IOCG Council, 2016

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National Organization	Admission year	Notes	Changes
France (GFCC)	1971	Founding member	From 2015 GFCC acts as autonomous chapter of French Crystallographic Association
Germany (DGKK)	1971	Founding member	After 1989 DGKK included the CG organization of the former GDR
Israel (IACG-TF)	1971	Founding member	
Italy (AICC)	1971	Founding member	From 1991 AICC acts as autonomous chapter of Italian Crystallographic Association
Japan (JCCG)	1971	Founding member	Name changed from Japan Committee for Crystal Growth to Japan Association for Crystal Growth
Netherlands (DACG)	1971	Founding member	
Spain (SACG)	1971	Founding member	
Switzerland (CGS of SCA)	1971	Founding member	
UK (BACG)	1971	Founding member	
USA (AACG)	1971	Founding member	
Hungary	1989		
India	1989		
Russia	1989		
Poland	1992		
South Korea	1992		
Brazil	1995		
Czech Republic	1995		
Romania	1995		
Australia	1998		
China	1998		
Ukraine	2004		
Ireland	2010		
Ex-Officio members of the IOCG Council			
IUCr	1980	International Union of Crystallography	
IUPAC	1980	International Union of Pure and Applied Chemistry	
IUPAP	1995	International Union of Pure and Applied Physics	
ICSU	1995		