



# Report 2012-2016

## International Group for Mathematical Creativity and Giftedness

The purpose of the group is to bring together mathematics educators, mathematicians, researchers, and others who are interested in nurturing and supporting the development of mathematical creativity and the realization of mathematical promise and mathematical giftedness, promoting the improvement of teaching and learning mathematics, and widening students' abilities to apply mathematical knowledge in innovative and creative ways.

The work of the Group will concentrate on distinct but interrelated **domains** such as:

- mathematical creativity for all students, from all backgrounds, and of all ages,
- mathematical creativity, aptitude, and achievement,
- mathematical giftedness, talent and promise,
- mathematical creativity for individuals or teams, inside or outside the classroom,
- mathematics competitions,

**The aims of the group are to:**

- encourage research concerning the discovery, nurture and support of mathematical creativity, giftedness, talent and promise for all students,
- support investigation and dissemination of information on the role of teacher knowledge and education, educational systems, and cultural aspects related to the development of mathematical creativity and promise,
- stimulate national and international activities to further the aims of the Group,
- cooperate with national and international associations with similar aims,
- organize international conferences and stimulate discourse between mathematicians, psychologists, educators, researchers, curricular designers and sociologists,
- stimulate and support members of the Group to participate actively at conferences or projects or other activities that further the aims of the Group
- further scientific publications and encourage the development of websites,
- assist educators and inform policy-makers,

**MCG is affiliated with ICMI** (the International Commission on Mathematical Instruction), see details at: <http://www.mathunion.org/icmi/about-icmi/affiliate-organizations/study-groups/mcg/>

More information about the Group can be found at MCG Website <http://igmcg.org/>

To join the group complete membership form at MCG website

**For more details please contact**

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## ***MCG IC (2012 - 2016)***

Position	Name	Country	Years of duty
<b>Officers</b>			
President of MCG	Roza Leikin	Israel	2012-2017
President - elect MCG	Marianne Nolte	Germany	2015-2017
Vice President MCG	Linda Sheffield	USA	2010-2014
Secretary	Linda Sheffield	USA	2015-2019
Secretary	Emiliya Velikova	Bulgaria	2010-2014
Treasurer	Peter Taylor	Australia	2012-2017
<b>International committee members</b>			
	Mark Applebaum	Israel	2015-2019
	Victor Freiman	Canada	2015-2019
	Dace Kūma	Lithuania	2012-2017
	Michael Mhlolo	South Africa	2015-2019
	Hartwig Meissner	Germany	2012-2017
	Mark Saul	USA	2012-2017
	Mihaela Singer	Romania	2012-2017
	Kim Seong-A	South Korea	2012-2017
	Emilia Velikova	Bulgaria	2015-2019
	Cristian Voica	Romania	2015-2019
<b>International committee members - till 2014</b>			
Vice President MCG	Linda Sheffield	USA	2010-2014
Secretary	Emiliya Velikova	Bulgaria	2010-2014
	Romualdas Kasuba	Lithuania	2010-2014
	Boris Koichu	Israel	2010-2014
	Vincent Matsko	USA	2010-2014
	Demetra Pitta-Pantazi	Cyprus	2010-2014
	Choi Jong Sool	South Korea	2010-2014

## **Main Activities**

- MCG Website
- MCG Conferences
- MCG Newsletter
- MCG Working Teams



# 1 MCG website <http://www.igmcg.org/>

Website Management : Roza Leikin (2011 - 2016); Viktor Freiman (Starting July 2014)

## 2. Membership

No fees

Currently more than 230 registered MCG members from 17 countries

## 3. Constitution ([Link](#))

Approved - July 2014

## 4. International Conferences on Mathematical Creativity and Giftedness

<i>MCG-7</i> Choi Jong Sool	The Korea Science Academy of KAIST  <b>Busan Korea</b>	July 15-18 2012	<a href="#">Website</a>		2 Plenary talks 4 Workshops 26 Research reports 50 Participants 11 Countries
<i>MCG-8</i> Gloria Howell	The University of Denver  <b>Denver, CO USA</b>	July 28-30 2014	<a href="#">Proceedings</a>		3 Plenary talks 3 Symposia 10 Workshops 22 Research reports 90 Participants 12 Countries  Exhibition
<i>MCG-9</i> Mihaela Florence Singer	<b>Sinaia Romania</b>	June 25-28 2015	<a href="#">Website</a>		4 Plenary talks 2 Symposia 5 Workshops 29 Oral presentations 90 Participants 14 Countries  Exhibition
<i>Planned MCG-10</i> Demetra Pitta- Pantazi	University of Cyprus  <b>Nicosia Cyprus</b>	24- 26 April 2017			



## 5. MCG Newsletter (Link)

#1 - December 2011      #2- April 2012      #3- October 2012      #4 - May 2013  
 #5 - August 2013      #6 - June 2014      #7- September 2014      #8 - February 2015  
 #9 - June 2015      #10 - December 2015      #11 - July 2016

### *Editorial Board*

Editor in Chief      Roza Leikin, Israel  
 Scientific consultant      Linda Sheffield, USA

### **Senior Editors:**

MCG Educational Innovations      Alexander Karp, USA/Russia  
 Problem corner      Romualdas Kasuba, Lithuania  
                                                                  Cristian Voica, Romania  
 MCG Research News      Demetra Pitta-Pantazi, Cyprus  
 Math Competitions News      Peter Taylor, Australia  
                                                                  Dace Kūma, Latvia  
 Technology News in MCG      Viktor Freiman, Canada  
                                                                  Emilia Velikova, Bulgaria

## 6. MCG Working Teams

MCG Working Teams are established (2014) in order to promote exploring and nurturing mathematical creativity and giftedness all over the world.

THE TREASURER TEAM: *The Treasurer* - Peter Taylor

AYR-MCG WT:      *Working Team for the Assistance to Young Researchers in Mathematical Creativity and Giftedness*  
                                                                  WG Leaders: Boris Koichu, Marianne Nolte

STIN-MCG WT:      *Working Team for Supporting Teachers in Nurturing Mathematical Creativity and Giftedness*  
                                                                  WG Leaders: Mark Saul, Mark Applebaum, Choi Jong Sool

WEBSITE-MCG TEAM:      Website Manager: Viktor Freiman

INTERNATIONAL SUMMER CAMPS: *Coordinator* Florence Mihaela Singer

## 7. Finances - Peter Taylor – the Treasurer- MCG

As a result of the conference in Busan running at a surplus the MCG has received this surplus as a generous donation. This money is being held in trust by the Australian Mathematics Trust.

20/08/2012	Receipt of Funds (US\$4090; \$4100 less \$10 bank charges)		3,816.37
31/12/2012	Plus interest to 31 December 2012	3.24%	41.22
31/12/2012	Balance at 31 December 2012		3,857.59
31/12/2013	Plus interest to 31 December 2013	3.44%	132.70
31/12/2013	Balance at 31 December 2013		3,990.29
31/12/2014	Plus interest to 31 December 2014	2.64%	105.34
31/12/2014	Balance at 31 December 2014		4,095.63
31/12/2015	Plus interest to 31 December 2015	2.90%	118.77
31/12/2015	Balance at 31 December 2015		4,214.40

Note: Interest based on average rate earned in year on BT/CBA investment