SCOPE
The scope of the CMGIP commission is to bring together experts in crystal growth and geoscientists interested in the rich range of phenomena associated with mineral crystallization and dissolution processes in nature. Although there has been interaction between the "crystal growth community" and geoscientists in the past, there is still a strong demand to strengthen and employ the most modern tools for “in situ” observation of these process and advanced ideas if we are to advance our understanding of these processes. Three major categories may be classified:
(1) Interface phenomena on the molecular level, (2) mineral texture formation, (3) crystallization and dissolution mechanisms and (4) novel “in situ” techniques to visualize the process of nucleation and crystal growth.

Report of Activity in 2007
1. An International Symposium on FRONTIER OF CRYSTAL GROWTH SCIENCE, organized by students and sponsored by Tohoku University, was successfully organized on 20-22 February 2007. Everything was organized by students in Japan except the financials. About 15,000 US$ was offered from Tohoku University as a GP program ‘Young Brains 21’. CMGIP also sponsored this symposium.
(http://www.ganko.tohoku.ac.jp/shigen/html_tsukamoto/members/maruyama/fcgs/)
2. The 2nd International Conference on Crystallogenesis and Mineralogy was successfully held at the Department of Crystallography and Department of Mineralogy of Saint-Petersbourg State University. October 1-5, 2007. Arcady Glikin (U. St. Petersburg) had a great effort for the organization.
3. Although no special sessions were held in the Goldschmidt conferences (2007) in Cologne, Germany, August 19-24, under the theme "Atoms to Planets", there were many participants from CMGIP. It should be noted that many students also attended from Japan.
4. The 15th International Conference on Crystal Growth (in conjunction with the 13th Conference on Vapor Growth and Epitaxy) was held on August 12 - 17, 2007, Salt Lake City, Utah, USA. About 40 mineralogists, including students, attended the conference. The next ICCG will be held in 2010 in Beijing, for which CMGIP will prepare to have a mineral growth session.
5. Although Eugenio Scandale (U. Bari, Italy) wanted to organize an international summer school on "Crystal Growth and Interface Processes" in 2007 in Bari, Italy, the organization was found to be impossible mainly because of financial situation.
Business Meeting
The 2008 Goldscmidt conference ("From Sea to Sky") will take place in Vancouver, Canada, July 13-18.

FUTURE EVENTS
The commission also wishes to bring to your attention the following events:
1. Andrew Putnis (U. Muenster, Germany) will act as liaison with the IGC 2008 meeting (Oslo) and organize a session on crystal growth.
2. Tsukamoto (Tohoku University, Japan) will organize a summer school on interface and “in situ” observation of crystal growth for Japanese students in the field of crystal growth, mineralogy and planetary science in September 2008 in Sendai, Japan.
3. Andreas Luttge (Rice U., USA) plans for an eventual 2nd International Symposium on Interface Mineralogy in 2008 or 2009 in Houston, USA.
4. Juan M. Garcia Ruiz will organize an international symposium on the workshop will be "Minerals and the origin of life: the geochemical scenario" in June 2008 in Spain.
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