COMMISSION ON ORE MINERALOGY
International Mineralogical Association


Annual Report, 20th December 2011

This report covers aspects of IMA-COM activities since the date of the last annual report (December 2010).

COM Officials 2010-2014

The following nominations of officials to serve COM in the period 2010-2014 were accepted at the IMA-COM Business meeting held during the IMA meeting in Budapest, Hungary, August 2010:

Chairman: Chris Stanley, c.stanley@nhm.ac.uk
Vice-Chairman: Andy McDonald, amcdonald@laurentian.ca
Secretray: Federica Zaccarini, Federica.Zaccarini@unileoben.ac.at

Objectives and activities of COM

The Commission on Ore Mineralogy of the International Mineralogical Association was set up in 1962 to serve the interests of ore mineralogists in universities, research institutions, museums, and the minerals industry across the world. Our goals are to promote ore mineralogy within the scientific community, to train fellow members in investigative skills through a series of short courses, and to support the activities of other IMA commissions by providing advice and expert opinion on issues related to our fields of research. Through its regular short courses, regional meetings, scientific sessions, other symposia and field excursions, as well as its website, COM offers a platform to ore mineralogists to share their knowledge with others, exchange information, and to speak with a collective voice on issues that affect our branch of science. As one of the commissions of IMA, the COM supports the goals of international cooperation and collaborative research in pure and applied mineralogy.

Financial support

COM has no direct financial support for its activities.

Interface with IMA activities and other international projects

COM participates in all major IMA events and interacts with other commissions, particularly CNMMN and CAM. COM is also enthusiastically involved in International Geoscience Project (IGCP) 486.

COM activities in 2011

The last business meeting took place during the 20th General meeting of the International Mineralogical Association, Budapest, August 2010. Minutes are available on the commission webpage shortly: http://www.gsf.fi/domestic/com/ima-com. No business meeting had been organized in 2011.
COM activity in 2011 has focussed on the organization of the following scientific sessions:

**XIV Congreso Latinoamericano de Geología y XIII Congreso Colombiano de Geología, Medellín, (Colombia), 29 August-2 September 2011.**

1) **Exploración de minerales, contribuciones a los depósitos minerales y metalogénesis**
Convenors: Gloria PRIETO RINCÓN – Instituto Colombiano de Geología y Minería (INGEOMINAS) Colombia
Reinaldo BRITTO – Companhia de Pesquisa de Recursos Minera (CPRM) Brasil
Juan Carlos MOLANO MENDOZA * – Universidad Nacional de Colombia, Bogotá D. C. Colombia
Luis Carlos MANTILLA FIGUEROA – Universidad Industrial de Santander (UIS) Colombia
Oswaldo ORDOÑEZ CARMONA – Universidad Nacional de Colombia, Sede Medellín Colombia
* COM National Representative of Colombia

2) **Mineralogía aplicada y de mena**
Convenors: Thomas CRAMER – Universidad Nacional de Colombia, Bogotá D. C., Colombia
Harald G. DILL – Institute of Geosciences Gem – Materials Research and Economic Geology
Johannes – Gutenberg – University Mainz, Alemania
Federica ZACCARINI – International Mineralogical Association Commission on Ore Mineralogy
– COM, COM Secretary, University of Leoben, Austria

These pictures show the enthusiastic participation to the COM sponsored sessions.

From left to right: Gloria Prieto Rincón, Reinaldo Britto, a participant, and Juan Carlos Molano Mendoza.

From left to right: Williams Brooks, Giorgio Garutí, Federica Zaccarini, Thomas Cramer and Dill Harald.
Goldschmidt 2011, Earth, Life and fire, Prague (Czech Republic), 14-19 August 2011

1) Natural and Synthetic Platinum-Group Minerals (PGM): Tracers of Processes at High and Low Temperatures.
Convenors: Oskar Thalhammer, Federica Zaccarini, Anna Vymazalova.
Keynote: Alexandre Raphael Cabral (Technical University of Clausthal)
This session was also sponsored by Society of applied Geology to ore deposits (SGA)

COM’s website is hosted at the Geological Survey of Finland; http://www.gsf.fi/domestic/com/ima-com.htm. The website provides a central source of information on COM activities, with a mission statement, a brief history of the commission, list of national representatives, details of past and future activities and publication reports. During 2010, the website has been updated. Regarding COM website development, the person responsible, Kari Kojonen, during the Budapest meeting, explained that the COM virtual ore microscopy is still under construction. Several national representatives present at the meeting, offered their help for the development of this important aspect of the COM website. Kari Kojonen will be sending instructions to all the national representatives regarding format and accompanying descriptions, as soon as possible.

COM workplan for 2012

COM will scientifically support the following activities

1) International workshop on "Ophiolites and Related Ore and Industrial Minerals" in Trabzon, Turkey, 16-22 May 2012, organized by Ibrahim Uysal (COM National Representative of Turkey), Federica Zaccarini (COM Secretary), Anna Vymazalova and Oskar Thalhammer.
http://workshop.sukrubulut.com/

Convenor: Antoni Camprubí (COM National Representative of Mexico)

3) Session titled: PGM and related accessory minerals in mafic-ultramafic rocks and unconventional deposits.
Congress: First European Mineralogical Conference "emc2012", Frankfurt, Germany, 2-6 September 2012 (http://emc2012.uni-frankfurt.de/).
Convenors: Maryse Ohnenstetter, Federica Zaccarini (COM Secretary) and Anna Vymazalova

Maybe we can organize a COM Business meeting in Frankfurt during the first European Mineralogical Conference "emc2012" in Frankfurt, 2-6 September 2012 (http://emc2012.uni-frankfurt.de/)?

Other projected activities

(1) Further development of the ‘Virtual Ore Mineralogy’ website.
(2) A more proactive role in ensuring quality control of reported ore mineralogical data in the future.
(3) Greater emphasis on the preservation of valuable - and often irreplaceable - collections of polished ore mineral specimens, depositing them, ideally in museums and mineralogical institutions. IMA-COM needs to prepare a set of guidelines for wide distribution. Closer contact with the IMA Commission on Museums would appear to be essential.

Federica Zaccarini
Secretary, IMA-COM

IMA-COM Officers 2010-2014

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COMMISSION ON ORE MINERALOGY
International Mineralogical Association


List of National Representatives (updated April 2011)

Entries in RED are cases where the national mineralogical society has been contacted regarding a new appointment. The ‘old’ names are retained until such an appointment is formalised.

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