

COMMISSION ON ORE MINERALOGY

International Mineralogical Association

<http://www.gsf.fi/domestic/com/ima-com.htm>

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

Secretary: 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 Garuti, 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 web site. 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/>

2) Session titled: Ore Deposits and Ore Genesis in the American Cordillera.
Congress: 108th Geological Society of America Cordilleran meeting in Querétaro, Mexico (March 29-31, 2012)
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

Dr. Chris J. Stanley
(Chairman)
Natural History Museum,
Cromwell Road
London, SW7 5BD
UNITED KINGDOM
Phone: +44 (0)20 7942 5627
Fax: +44 (0)20 7942 5537
http://www.mindat.org/user-8203.html#2_0_0_0_0_0
Email: c.stanley@nhm.ac.uk

Prof. Andy M. McDonald (Vice-
Chairman)
Department of Earth Sciences
Laurentian University
Sudbury, Ontario
CANADA, P3E 2C6
Phone: (705) 675-1151 ext 2266
http://amcdonald.laurentian.ca/Laurentian/Home/Departments/Earth+Sciences/Faculty/McDonald?Laurentian_Lang=en-CA
E-mail: amcdonald@laurentian.ca

Dr. Federica Zaccarini (Secretary)
Department of Applied Geosciences
and Geophysics University of Leoben
Peter Tunner Str. 5
A 8700 Leoben
AUSTRIA
Phone: +43 38424026218
<http://institute.unileoben.ac.at/mineralogie/Zaccarini.htm>
E-mail:
Federica.Zaccarini@unileoben.ac.at

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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.

Honorary Member

 Dr. Louis Cabri
Cabri Consulting Inc.,
99 Fifth Avenue, Suite 122, Ottawa,
CANADA
E-mail: lcabri@sympatico.ca
<http://www.cnt-mc.com/people/lcabri-profile.html>



Dr. Milka de Brodtkorb
 Paso 258-GA
 1640 Martinez,
ARGENTINA
 E-mail: milkabro@gmail.com



Prof. Jeff Vaughan
 Western Australian School of Mines
 Bentley Campus
 Perth, W.A. 6000,
AUSTRALIA
 E-mail: Vaughanj@wasm.curtin.edu.au
http://geology.curtin.edu.au/people/jeff_vaughan/vaughan_profile.cfm



Prof. Aberra Mogessie
 Karl Franzes University
 Institute of Mineralogy and Petrology
 Universitaetsplatz 2
 8010 Graz
AUSTRIA
 E-mail: aberra.mogessie@uni-graz.at
<http://www.uni-graz.at/aberra.mogessie/>



Prof. Eric Pirard
 Universite de Liege, MICA
 Caracterisation des Matières Minérales Naturelles
 Avenue des Tilleuls, 45
 4000 Liege, **BELGIUM**
 E-mail: Eric.Pirard@ulg.ac.be
http://www.argenco.ulg.ac.be/CV/Pirard_UK_06.pdf



Dr. Nelson Angeli
 Instituto de Geociências e Ciências Exatas
 Departamento de Petrologia e Metalogenia
 Av 24 A, 1515 13506-900 - Rio Claro – SP,
BRASIL
 E-mail: nangeli@rc.unesp.br
<http://buscatextual.cnpq.br/buscatextual/visualizacv.jsp?id=K4783551Y1>



Assoc. Professor Dr. Kamen Bogdanov
 Sofia University "St. Kliment Ohridski"
 Faculty of Geology and Geography
 Department of Mineralogy, Petrology and
 Economic Geology
 15 Tsar Osvoboditel Bd.
 1504 Sofia,
BULGARIA
 E-mail: kamen@gea.uni-sofia.bg
<http://www.linkedin.com/pub/dir/Kamen/Bogdanov>



Prof. Andy McDonald
 Department of Earth Sciences
 Laurentian University
 Sudbury, Ontario
 P3E 2C6
CANADA
 E-mail: amcdonald@laurentian.ca
http://amcdonald.laurentian.ca/Laurentian/Home/Departments/Earth+Sciences/Faculty/McDonald?Laurentian_Lang=en-CA



Prof. Dr. Liu Jianming
 Secretary, Research Centre of Mineral Resource
 Exploration, C.A.S.
 P.O. Box 9701, 100101 Beijing,
CHINA
 E-mail: jmliu@mail.c-geos.ac.cn



(no representative currently appointed)
CROATIA



Dr. František LAUFEK
 Czech Geological Survey, Geologická 6,
 152 00 Praha 5
CZECH REPUBLIC
 E-mail: frantisek.laufek@geology.cz
<http://www.geology.cz/portal/page/portal/shared/f/frantisek.laufek>



Prof. Emil Makovicky
 Institute of Geology
 University of Copenhagen
 Øster Voldgade 10
 DK-1350 Copenhagen,
DENMARK
 E-mail: EMILM@geol.ku.dk
http://www.geol.ku.dk/person_main.asp?person=5416



Prof. Hassan M. Helmy
 Geology Department, Faculty of Science,
 Minia University, Minia,
EGYPT
 E-mail: hmelmy@yahoo.com



Dr. Kari Kojonen
 Geological Survey of Finland
 P.O. Box 96, Espoo FIN-02150,
FINLAND
kari.kojonen@gsf.fi



Dr. Daniel Ohnenstetter
CNRS-CRPG,
15, rue Notre Dame des Pauvres, B.P. 20,
54501 Vandoeuvre-les-Nancy, cedex,
FRANCE

E-mail: dohnen@crpg.cnrs-nancy.fr
<http://www.crpg.cnrs-nancy.fr/Equipes/FR/dohnen.html>



Dr. H-J. Bernhardt
Ruhr Univ.-Bochum
D-44780 Bochum,
GERMANY
Germany
E-mail: Heinz-Juergen.Bernhardt@rz.ruhr-uni-bochum.de
<http://www.uv.ruhr-uni-bochum.de/pvz-planung/i3v/00000700/00620622.htm>



(no representative currently appointed)
GREECE



Prof. Ferenc Molnar
Department of Mineralogy
Eötvös Loránd University,
Pázmány Péter s. 1/C
1117 Budapest
HUNGARY
E-mail: molnar@abyss.elte.hu,
molnarf@externet.hu, ferenc.molnar@gtk.fi



Biswajit Mishra,
Department of Geology and Geophysics
Indian Institute of Technology
Kharagpur 721 302
INDIA
E-mail: bmgg@gg.iitkgp.ernet.in
<http://www.iitkgp.ac.in/fac-profiles/showprofile.php?empcode=ZZmVR>



Prof. Pierfranco Lattanzi
Department of Earth Sciences
University of Cagliari
Via Trentino 51
09127 Cagliari
ITALY
E-mail: lattanzp@unica.it
http://www.unica.it/scienze naturali/index.php?option=com_content&task=view&id=692&Itemid=160



Prof. Masaaki Shimizu
Department of Earth Science
Faculty of Science

Toyama University
3190 Gofuku Toyama 930-8555
JAPAN
E-mail: mshimizu@sci.u-toyama.ac.jp



Dr. J.H.L. Voncken
Delft University of Technology
Faculty of Civil Engineering and Geosciences
Department of Geotechnology Applied Geology
Stevinweg 1
2628 CN Delft
NETHERLANDS
E-mail: J.H.L.Voncken@tudelft.nl
<http://citg.tudelft.nl/en/about-faculty/departments/geotechnology/sections/applied-geology/staff/voncken-dr-jhl/>



Dr. Jeff Mauk
Geology Department
University of Auckland
Private Bag 92019
Auckland,
NEW ZEALAND
E-mail: j.mauk@auckland.ac.nz
http://www.geog.auckland.ac.nz/about_us/our_people/mauk_jeff/index.shtml



Prof. Adam Piestrzyński
Economic Geology Dept., Faculty of Geology,
Geophysics and Environmental Protection
AGH-University of Science and Technology
av. Mickiewicza 30
30-059 Kraków,
POLAND
E-mail: piestrz@geol.agh.edu.pl



Dr. Orlando da Cruz Gaspar
Rua Marechal Saldanha, 935, 2ª D.
4150-659 Porto,
PORTUGAL
E-mail: orlando.gaspar@netcabo.pt,



Dr. Sorin-Silviu Udubasa
University of Bucharest
Faculty of Geology and Geophysics
Dept. Mineralogy
Bd. Balcescu 1, Bucharest,
ROMANIA
E-mail: udubasa@geo.edu.ro



Dr. Olga Plotinskaya (PhD)
senior research fellow,

Institute of Ore Geology, Petrography,
Mineralogy, and Geochemistry Russian
Academy of Sciences (IGEM RAS)
35 Staromonetny pereulok, Moscow, 119017
plotin@igem.ru, plotin-olga@yandex.ru



Prof. Martin Chovan
Department of Mineralogy and Petrology
Faculty of Natural Sciences, Comenius University
Mlynska dolina
84215 Bratislava,
SLOVAK REPUBLIC
E-mail: chovan@fns.uniba.sk



Prof. Roland Merkle
Department of Geology
University of Pretoria
0002 Pretoria
SOUTH AFRICA
E-mail: roland.merkle@up.ac.za
<http://web.up.ac.za/default.asp?ipkCategoryID=4926>



SOUTH KOREA
Dr. Sang-Mo Koh (Ph.D.)
Director, Overseas Mineral Resources Department,
Mineral Resource Research Division,
Korea Institute of Geoscience and Mineral
Resources (KIGAM)
92 Gwahang-no, Yuseung-gu, Daejeon,
KOREA 305-350
E-mail: kohsm@kigam.re.kr



Prof. F. Gervilla
Dpt. Crist. y Mineralogía
Facultad de Ciencias Universidad Granada
SPAIN
E-mail: gervilla@ugr.es
<http://www.ugr.es/~gimpy/>



Dr. O. Amcoff
Department of Earth Sciences
University of Uppsala
Villavägen 16
SE-752 36 Uppsala,
SWEDEN
E-mail: orjan.amcoff@geo.uu.se
<http://www.geo.uu.se/mpt/default.aspx?pageid=1519&lan=0>



Dr. Lluís Fontbote
Dept. Mineralogíe
13, rue des Maraichers
CH-1211 Geneve 4,

SWITZERLAND

E-mail: Lluís.Fontbote@terre.unige.ch
http://www.unige.ch/sciences/terre/mineral/admin/min_peop01b.html



Dr. Alexander V. Emetz
M.P.Semenenko Institute of Geochemistry,
Mineralogy and Ore Formation of NAS of
Ukraine, Palladin Av., 34
Kyiv-142
UKRAINE
E-mail: emetz_a@igmr.relc.com



Prof. D.J. Vaughan
Geology Department, Univ. of Manchester
Oxford Road, Manchester M13 9PL,
UNITED KINGDOM
E-mail: david.vaughan@manchester.ac.uk
<http://www.seaes.manchester.ac.uk/aboutus/staff/staffprofile.php?id=60>



Prof. Mark Barton
Center for Mineral Resources
University of Arizona
Gould Simpson Building
1040 E 4th St Tucson, AZ 85721
UNITED STATES OF AMERICA
E-mail: barton@geo.arizona.edu
<http://www.geo.arizona.edu/cmr/people/markB.html>



Prof. Rustam Koneev
National University of Uzbekistan, Faculty of
Geology,
700174 Tashkent,
UZBEKISTAN
E-mail: rkoneev@yahoo.com

Countries not affiliated to IMA



Assoc. Prof Diego Morata
Plaza Ercilla #803
Casilla 13518 - Correo 21 Santiago
CHILE
E-mail: dmorata@cec.uchile.cl
http://www.geologia.uchile.cl/quieeenes_somos/acadeemicos/dmorata/



Assoc. Prof. Carlos Molano Mendoza
Facultad de Ciencias
Universidad Nacional de Colombia
COLOMBIA
E-mail: jcmolanom@unal.edu.co



Dr. Antoni Camprubí i Cano
Departamento de Geoquímica
Instituto de Geología
Universidad Nacional Autónoma de México
Ciudad Universitaria. 04510 México, D.F.
MEXICO
E-mail: camprubita@gmail.com
http://www.geologia.unam.mx/igl/index.php?option=com_content&view=category&id=92&Itemid=98



Prof. Ibrahim Uysal
Department of Geology,
Karadeniz Technical University,
Trabzon,
TURKEY
E-mail: iuysal@ktu.edu.tr
<http://enformatik.ktu.edu.tr/ksvds/akademisyeneng.php?p=3170>