

Annex 2 - Table 1 - Sponsoring and/or co-sponsoring of IMA Commission and Working Groups during Meetings. List of sessions for Nice (2003) and Florence (2004) Congress are reported in tables 2 and 3, respectively

Commission or Working Group	2000	2001	2002	2003	2004 €	2005	2006
Com. on Applied Mineralogy	1) IGC, Rio-de Janeiro. Session on "Applied Mineralogy: Ceramics and Gem Materials"; 2) ICAM, Göttingen, 16-22 July- Co-sponsoring of the meeting.		1) IMA 18th Meeting, Edinburgh: co-sponsoring (with CGM) of two sessions 13 and 33	2nd International Applied Mineralogy Symposium, "Applied Mineralogy'03", Helsinki Finland, 17-18 March	1) Co-sponsoring of the 8th ICAM Meeting in Aguas de Lindoia, Brazil, 19-22, 2004, with ICAM (International council for Applied Mineralogy). 2) 32nd IGC, 20-28 August, Florence (T21.2)		
Com. on Classification of Minerals	1) Co-sponsoring of microsymbiosia during European Crystallography Meeting (ECM-19), Nancy 2) Mineralogy and Museum Meeting, Melbourne: co-sponsoring with CNMMN on classification of minerals	Co-sponsoring of microsymbiosia during European Crystallography Meeting (ECM-20), Krakov			32nd IGC, 20-28 August, Florence (G15.3)		
Com. on Mineral Growth and Interface Processes	31st IGC, Rio-de Janeiro. Session on "Surfaces of Minerals"			EGS-AGU-EUG Meeting ; sponsoring a session (VGP3.16)	32nd IGC, 20-28 August, Florence (G15.1 and 5)		
Com. on Gem Materials	1) 31st IGC, Rio-de Janeiro: Co-sponsoring of a session on the Geology of Gemstones deposits. 2) 4th International Mineralogy and Museums Meeting, Melbourne, 4th Dec. - Co-sponsoring of the Ralph Segnit Memorial Symposium on Gems.	Attendance at the International Gemmological Conference, Madrid, Spain, 11th Oct.	1) IMA 18th Meeting, Edinburgh: co-sponsoring (with CAM) a session (13) 2) IAGOD Meeting, Namibia, August 2002 : co-sponsoring a symposium on cathodoluminescence.		32nd IGC, 20-28 August, Florence (G15.10)		
Com. on New Minerals and Mineral Names	1) 31st IGC, Rio-de Janeiro: sponsoring a symposium on "New minerals: their impact on the mineralogical sciences" 2) 4th International Mineralogy and Museums Meeting, Melbourne, 4th Dec.		IMA 18th Meeting, Edinburgh: session 12		32nd IGC, 20-28 August, Florence		
Com. on Ore Mineralogy	Mini-Symposium in relation with a short course in Espoo, Finland (11-18 June)		IMA 18th Meeting, Edinburgh: sessions 4, 5, 30	EGS-AGU-EUG Joint Assembly, Nice (2-6 April); a session on Gold and Platinum Metals.	32nd IGC, 20-28 August, Florence : 3 sessions : G14 -5, 6, 7		Contact with Japanese to organize session in Kobe

€ - For Florence 32nd IGC, see Annex 1 - table 3.

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Com. on Physics of Minerals				1) EGS-AGU-EUG Joint Assembly, Nice (2-6 April); sessions VGP3.13, 3.22, 23; 2) Kurashiki - Goldschmidt Conference: 4 sessions proposed on 1) structure and properties of silicate melts; 2) Core-mantle interaction; 3) Mantle differentiation in a deep, global magma ocean; 4) Physics and Chemistry of minerals	32nd IGC, 20-28 August, Florence (G15.6, G15.7, G15.8, G15.9)		
Com. on Museums					32nd IGC, 20-28 August, Florence (T17.2) 5th International Conference, Mineralogy and Museums, Paris, 5-8 september		
WG. on Mineral Equilibria	31st IGC, Rio-de Janeiro: Spons. Symp.: "Mineral Equilibria in Mantle derived rocks"		IMA 18th Meeting, Edinburgh: sessions 24, 26	Special meeting in honor of Prof. L.L. Perchuk's 70th anniversary, Chernogolovka, Russia	32nd IGC, 20-28 August, Florence (G15.2 T34.1)		
WG. on Mineral Inclusions	1) 31st IGC, Rio-de Janeiro: sponsoring a symposium on "Modern Microbeam techniques applied to fluid and solid species" 2) Co-sponsoring with The Chinese Society of Mineralogy of conference entitled: Chinese Fluid Inclusions and Geol. Fluid Conf, October 19-20, Wuhan, China	Participation in 16th biennial conference on "Current Research on Fluid Inclusions" - ECROFI XVI, Oporto, Portugal, 2-4 May	1) IMA 18th Meeting, Edinburgh: sponsoring session 22? 2) Meeting on Inclusions in Minerals and Geofluids, October, Nanjing University	1) International Conference on thermobarogeochemistry in the suburban of Moscow, Russia. 2) European Current research on Inclusions in Minerals, Budapest, 4-9 June. Co-sponsoring of the meeting	1) 32nd IGC, 20-28 August, Florence (G15-11) 2) IAGOD Interim Conference on the Metallogeny of the pacific Northwest		
WG. on Organic Minerals			IMA 18th Meeting, Edinburgh: sponsoring session 17:	Symposium "Amber in Gdansk, archaeology and craftsmanship, August 23-25	32nd IGC, 20-28 August: 2 sessions in Florence : G15.2 and T36.1		
WG on Astromineralogy *					1) 32nd IGC, 20-28 August: 1 sessions in Florence 2) METEOROIDS 2004" (University of Western Ontario, London, Ontario, CANADA, 16-20 August 2004		
Committee for Internet and Computer development *							

\* Created after the General meeting of Edinburgh, September 2002.

## IMA Report 2003 to IUGS 8 January 2004

Annex 2 - Table 2 - Short courses (SC), workshops (WS) and field excursions organized by IMA commissions and Working Groups

Commission / Working Group	2000	2001	2002	2003	2004	2005	2006
C. on Applied Mineralogy	Short Courses, University of Sao Paulo [28 participants]	Short Courses, University of Sao Paulo [29 participants]	Short Courses, University of Sao Paulo [11 participants]	5th Short Course on "Applied Mineralogy of Mineral Raw Material", Sao-Paulo, Brazil [12 participants]	3 SC cosponsored with ICAM during the 8th International Congress on Applied Mineralogy, 19-22 september, Aguas de Lindoia, Brazil - 6th SC on " Applied Mineralogy of Mineral Raw Material", Sao Paulo - SC on "Digital Analysis for geologist", during the 32th IGC.		
C. on Classification of Minerals							
C. on Mineral Growth and Interface Processes							
C. on Gem Materials							
C. on New Mineral and Mineral Names							
C. on Ore Mineralogy	Short course on "Modern approaches to ore and environmental mineralogy, Sear Park congress hotel, Espoo Finland, 11-18 June, in collaboration with GSF; financed by NORFA. Geological excursions (gold and iron mines); a one day workshop on PGM				Granada, Spain; organizers: COM and Miner. Soc. of Spain	Ore microscopy course in South Africa with MINSAs and Univ. Of Pretoria	
C. on Physics of Minerals							
C. on Museums							
WG on Mineral Inclusions			1) Participation to an international workshop on "Melt inclusions: Techniques and Applications, Italy, June 2) Seminars, University of zhongshan and Guangzhou, 29 May - 5 June		1) Short Course during the 2004 IGC on melt inclusions. 2) 14th National symposium on Inclusions and GeoFluids in association with the Chinese Committee of Inclusions in Minerals, Beijing, China Mid-October.		
WG on Mineral Equilibria							
WG on Organic Minerals			Workshop on Organic minerals, Vienna, May; exhibitions on ambers in Hungary and Austria				
WG on Astromineralogy (since 2002)							

For the name of session proposed by the different commission and working groups, see the table on IMA sponsoring during the 32nd IGC, Florence, August 20-28, 2004.

IMA Report 2003 to IUGS 8 January 2004  
Annex 2 - Table 3 - Business Meeting held since 2000 by IMA Commissions and Working Groups

Commission / Working Group	2000	2001	2002	2003	2004	2005	2006
C. on Applied Mineralogy	ICAM - Göttingen, 17-19 July (see report)		IMA 18th GM, Edinburgh, 3rd Sept.		ICAM Meeting in Sao-Paulo		
C. on Classification of Minerals	4th International Mineralogy and Museums Conference, Melbourne. Joint meeting with CNMMN to define mineralogical groups on the 5th of december.		IMA 18th GM, Edinburgh, 3rd Sept.				
C. on Mineral Growth and Interface Processes			IMA 18th GM, Edinburgh, 3rd Sept.				
C. on Gem Materials		Informal Meeting, Madrid, 11th October	IMA 18th GM, Edinburgh, 3 and 5rd Sept.				
C. on New Mineral and Mineral Names	4th International Mineralogy and Museums Conference, Melbourne. Joint meeting with CCM to define mineralogical groups on the 5th of december.		IMA 18th GM, Edinburgh, 3rd Sept.	Communication directly through Website			
C. on Ore Mineralogy	Sea park Hotel, Espoo, Finland, June 13th		1) IMA 18th GM, Edinburgh, 3rd Sept. 2) Espoo, Finland				
C. on Physics of Minerals			IMA 18th GM, Edinburgh, 5rd Sept.				
C. on Museums			1) IMA 18th GM, Edinburgh, 3rd Sept. 2) BM in Munich (25 october) [17 participants from 8 countries°	BM in Munich (31 october) [27 participants from 9 countries]			
WG on Mineral Inclusions	31st IGC, Rio-de Janeiro	Informal meeting in Oporto, Portugal (ECROFI XVI)	IMA 18th GM, Edinburgh, 5rd Sept.				
WG on Mineral Equilibria			IMA 18th GM, Edinburgh, 5rd Sept.				
WG on Organic Minerals			IMA 18th GM, Edinburgh, 5rd Sept.				
WG on Astromineralogy (New WG since 2002) *							
Committee for Internet and Computer Applications *							

\* Decision for the creation of the WG on Astromineralogy and the Committee taken in 2002 in Edinburgh

IMA Report 2003 to IUGS 8 January 2004  
Annex 2 - Table 4 - Publications and other outputs provided by IMA Commissions and Working Groups

Commission / Working Group	Publications	Other outputs
C. on Applied Mineralogy	ICAM - Göttingen, 17-19 July: "Applied Mineralogy in Research, Economy, Technology, Ecology, and Culture" (Balkema Ed.)	Mailing list of scientists dealing in the field of applied Mineralogy (ICAM 2004 Mailing List) Proceedings of the 8th International Congress on Applied Mineralogy
C. on Classification of Minerals	<ol style="list-style-type: none"> <li>1) Bokii: "Classification of natural oxides", Advances in Science and Technics, 32, Moscow, 2000</li> <li>2) Strunz and Nickel: "Mineralogical Tables"; E. Schweizerbart'sche Verlagsbuchhandlung (Nägele u. Obermiller), Stuttgart, 870p., 2001</li> <li>3) J. Lima-de-Faria: "Classification of minerals", Kluwer Academic Press, 11, Dordrecht, 2001</li> <li>4) J.Lima-de-Faria "Classification of Minerals" Volume 2: Minerals with ApBqCrDs to ApBqCrDsExFyGz General Chemical Formulas. Kluwer academic. Publishers, Solid Earth Science Library, Vol.11A, Dordrecht, 2003.</li> <li>5) N.V.Chukanov et al. « Minerals of labuntsovite group », Moscow, « Nauka », 2003, 323p.</li> </ol>	Database of A. Hoelzel; database of GeoGide list of Mineralogical groups,elaborated by Mandarin, Nickel, ICCD provided by McDonald.
C. on Mineral Growth and Interface Processes		
C. on Gem Materials	<ol style="list-style-type: none"> <li>1) The Australian Gemmologist, 21, extended abstracts of the IGC Rio 2000</li> <li>2) The Australian Gemmologist, 21, synopsis of papers from the 4th Inter. Miner and Museums Meeting, Melbourne, 2000.</li> </ol>	Circulation of a draft of a "GLOSSARY of GEM MATERIALS among commission members. Projects: Atlas; Raman database (1400 spectra of 800 Gems); Glossary in four languages; Nomenclature of Gems: project started 15 years ago
C. on New Mineral and Mineral Names	1) Report on Eudialyte published in Can. Mineralogist in 2003	<ol style="list-style-type: none"> <li>1) Publication of a list of 3500 mineral names approved and redefined since 1959 - publication in various mineralogical journals</li> <li>2) Revision of amphibole nomenclature</li> <li>3) Abandon of Schallers modifiers</li> </ol>
C. on Ore Mineralogy	<ol style="list-style-type: none"> <li>1) "IMA-COM directory of Ore Mineralogists</li> <li>2) Vol. 27 - Mineralogical Assoc. of Canada's Short course series (421 p). "Modern approaches to ore and environmental mineralogy"</li> <li>3) In preparation : Volume special in Ore Geology reviews, following the Nice Joint Assembly, 2003.</li> </ol>	<ol style="list-style-type: none"> <li>1) Virtual ore mineralogy : Database of digital images of ore minerals; in prep.</li> <li>2) directory of ore mineralogists, in prep.</li> <li>3) Extended abstract for mini-symposia helded with a Short Course in Pretoria, 1999; in Espoo, 2000.</li> <li>4) Report on sulphosalts to be published in winter 03/04</li> <li>5) Standardized abbreviations of ore minerals, in prep.</li> <li>6) Guidelines for publishing microprobe data</li> </ol>
C. on Physics of Minerals		
C. on Museums		
WG on Mineral Inclusions	<ol style="list-style-type: none"> <li>1) Extended abstracts in the book "Mineral Deposits: Processes to processing, Balkema Ed.</li> <li>2) Special issue of Lithos, in honour of J. Touret (2001; 55)</li> <li>3) Special Issue of Acta Petrologica Sinica (42 contributions)</li> </ol>	
WG on Mineral Equilibria	<ol style="list-style-type: none"> <li>1) Special issue of "Mineralogy and Petrology", 2000, 69,1 "Mineral equilibria in metamorphic systems"</li> <li>2) Special issue of Lithos 2001 (symposium from the Rio-de Janeiro Congress) "Mineral equilibria in mantle derived rocks"</li> <li>3) Special issue of Journal of Petrology, v. 45, 2004, based on the results of session 26 "Mineral equilibria and thermodynamic modeling of crustal and mantle rocks" and session 24 "Geothermobarometry and geospeedometry" at the 18<sup>th</sup> IMA Meeting (Edinburgh, September 2002).</li> </ol>	1) preparation of a WGIM history
WG on Organic Minerals		List of names of Organic Minerals. Exhibitions and lectures in Museums and Schools

WG on Astromineralogy (New WG since 2002) *		
Committee for Internet and Computer Applications *		International Directory of Mineralogical Institutions (exclusive of Europe) project of online database of mineralogists

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IMA Report 2003 to IUGS 8 January 2004  
Annex 2 - Table 5 - Communication policy of Commissions and Working Groups

Commission / Working Group	WEBSITE : state of the art and project	Link with other scientific groups	Internal organization
C. on Applied Mineralogy	CAM website share with ICAM < <a href="http://www.appliedmineralogy.org">http://www.appliedmineralogy.org</a> > Improvement of the Website to include : history, objective, mission, report, short courses, scientific activity, internal policy, etc	<ul style="list-style-type: none"> <li>close collaboration with ICAM</li> </ul>	Future: <ul style="list-style-type: none"> <li>creation of a mailing list to link individuals and organizations dealing with applied mineralogy.</li> <li>Review of the CAM National delegate List</li> </ul>
C. on Classification of Minerals	Home-page on the classification of Minerals at IMA website updated in 2003; The home-page comprises: i) objectives; ii) various approaches to the classification of minerals; iii) news, current events and information about recent publications.	<ul style="list-style-type: none"> <li>link with CNMMN to establish "mineral group"</li> <li>Special Interest Group (SIG) on Mineralogical Crystallography, created in May 1999 in the frame of the Eur. Crystallographic Assoc.</li> </ul>	<ul style="list-style-type: none"> <li>Regular information: publications,</li> <li>circulars on symposium</li> <li>database (Hoetzel, GEO GIDE)</li> <li>List of the CCM members updated in 2003</li> </ul>
C. on Mineral Growth and Interface Processes	Yahoo discussion group under elaboration to report activities.		Internal communication via montly circulars
C. on Gem Materials	A site interesting Gem Material members on spectra of minerals is available from George Rossman et the following adress: < <a href="http://minerals.gps.caltech.edu/">http://minerals.gps.caltech.edu/</a> >	<ul style="list-style-type: none"> <li>link with the WG on Inclusions in Minerals, and with CAM</li> </ul>	
C. on New Mineral and Mineral Names	CNMMN website recently modified. The site notably contains the "IMA list of mineral approved, discredited and redefined by the CNMMN", prepared in coll. with Aleph Enterprises of Livermore. The site is maintained by Ernst Burke < <a href="http://www.g">www.g</a>	<ul style="list-style-type: none"> <li>Link with CCM: A CCM member could be ex officio member of any nomenclature subcommittee. Link with CM.</li> </ul>	<ul style="list-style-type: none"> <li>Creation of two subcommittees to examine nomenclature: on tourmaline and the epidote group</li> <li>Project of a manuscript on the history of CNMMN</li> </ul>
C. on Ore Mineralogy	hosted at the Geological Survey of Finland; <a href="http://www.gsf.fi/domestic/com/ima-com.htm">http://www.gsf.fi/domestic/com/ima-com.htm</a>	<ul style="list-style-type: none"> <li>Link with CM to prepare a list of collection samples in museums and universities under a digital form;</li> <li>link with CNMMN to establish guidelines for publishing microprobe analysis of ore minerals, and to define mineral name abbreviation</li> <li>link with IGCP : IGCP project 486 accepted "Au-Ag-telluride-selenide deposits in Europe and in developing countries", 2003-2007.</li> </ul>	<ul style="list-style-type: none"> <li>Three working groups on systematic classification of selenides, tellurides and sulfosalts;</li> <li>annual circulars</li> </ul>
C. on Physics of Minerals			
C. on Museums	<ul style="list-style-type: none"> <li>Website [<a href="http://www.smp.net/IMA-CM/">www.smp.net/IMA-CM/</a>] containing e.g. a complete membership list and the CTMS-Catalogue (a complete list of type mineral specimen and their depositories).</li> <li>Website for the 5th Conference M and M : [<a href="http://www.ensmp.fr/MM5">http://www.ensmp.fr/MM5</a>]</li> </ul>	World directory of Mineral Collections	
WG on Mineral Inclusions	Link to develop with the "World of Fluid Inclusion Internet site (Ph. Brown, Univ. of Wisconsin-Madison). < <a href="http://www.geology.wisc.edu/pbrown">www.geology.wisc.edu/pbrown</a> > Updated information on the IMA Website (October 2003)	<ul style="list-style-type: none"> <li>Link with ECROFI and PACROFI Organizing Committee- SE ASIAN/AUSTRALASIAN meetings.</li> <li>Link with Com. on GEM materials</li> <li>Establishment of an Asian Current Research on Fluid Inclusions in Minerals (ACROFI). IMA short course in 2003</li> <li>Link with IAGOD</li> </ul>	
WG on Mineral Equilibria	Creation of a Home page for WGME in 2004. History of WGOM produced.	<ul style="list-style-type: none"> <li>With gem trades</li> </ul>	
WG on Organic Minerals		<ul style="list-style-type: none"> <li>Link with EMU</li> <li>Link with museums, school and "Amberif"(Poland)</li> </ul>	Annual circulars (Newsletters)
WG on Astromineralogy		<ul style="list-style-type: none"> <li>Space agencies</li> </ul>	

(New WG since 2002) *			
Committee for Internet and Computer Applications *	In charge of IMA Website: < <a href="http://server.dst.unipi.it/ima/">http://server.dst.unipi.it/ima/</a> >; Project: creation of links between individual Website of Com/WG and that of National Societies; creation of standard file format for mineralogical databases.	<ul style="list-style-type: none"> <li>• Link with EMU to complement the International Directory of Mineralogical Institutions</li> <li>• Link with all the IMA COM/WG; gateway facilities for Museums and other mineralogical communities.</li> </ul>	

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