

General Meeting & Field Trip to RioTinto Mines

Chair: M. Carmen Hermosín (SEA)

Co-Chairs: Paul Schroeder (CMS) and Hirohisa Yamada (CSSJ)

Local Committee: Juan Cornejo, Celia Maqueda, Esmeralda Morillo, Lucía Cox, Rafael Celis, Tomás Undabeytia, Felipe Bruna (IRNAS-CSIC), Isabel González, Patricia Aparicio (University of Sevilla)

The General Meeting will have a similar format to previous CMS annual meetings and will have 3 plenary sessions followed by 2 Parallel Sessions with 4 Invited Lectures (including that of the CMS Awards), 40 oral communications and 100 poster presentations as well as 16 key notes. All presentations (oral and poster) will be in English.

Tentative session topics will focus on several themes:

- Structural features and Crystal Chemistry
- Mineralogy and Geology
- Soil and Sediments
- Environment & Energy
- Biological Aspects & Health
- Industrial and others applications
- Clays in Education Programs

The Rio Tinto mines are located in the province of Huelva, about 80 km northwest of Seville. The giant opencast mines of Rio Tinto create a surreal, almost lunar landscape. The removal of soil and rock, in the search for several metals like iron, gold, copper, silver and others, has tinted this part of the world in reddish hues and a large range of other colors. The scale of operations (since Prehistoric time), has created some pits several kilometers across.



Corta Atalaya open pit (Rio Tinto Mines) and red water of the Tinto River

Registration and Fees

The early bird registration fee for the members of the CMS, CSSJ and SEA Societies is expected to be €500, with a concessionary fee for their students of €350. The non-members fee is expected to be €600. Fees include the entire meeting package,

i.e., participation in the Workshop on Materials & Clay Minerals, the Symposium on Sepiolite & Field Trip to sepiolite deposits, the General Meeting and the Field Trip to Rio Tinto Mine. Coffee breaks, lunches, transport to the field trips and closing dinner will be covered by the registration fees. The possibility to pay the registration fees separately for attending the three different activities of the meeting as well as the field trip to Rio Tinto Mines will be provided. Transport between Madrid and Seville is not included.

Registration forms will be distributed with the second circular in November 2009.

Student Grants

A limited number of student grants will be available to assist with the expenses of postgraduate students and young researchers belonging to one of the organizing societies. Details and an application form will be included in the second circular.

Accommodation

Accommodation will be provided in hotels of different categories near to the meeting sites in Madrid and Seville. Some rooms will be available in the Residences of the CSIC in Madrid and Seville. A limited number of places can be reserved in student Residences in Seville. Further details will be given in the second circular.

Hotel prices are in the range of 70 to 150€/person per night, including breakfast. Special rates will be offered through the official travel agency.

Travel Agency

The official agency will be **Travel Dos**
<http://www.traveldos.com/>

Conference Web Site

Information will be available soon on the conference web pages:
www.sea-arcillas.es/2010TMC



The Clay Science Society of Japan

2010 TMC

2010 SEA-CSSJ-CMS Trilateral Meeting on Clays

Madrid-Sevilla, Spain

June 6-11, 2010

**First Announcement and
Call for contributions**

1st Circular

Organizers

The Spanish Clay Society (SEA)
The Clays Science Society of Japan (CSSJ)
The Clay Minerals Society (CMS)

The Clay Mineral Society (CMS), the Clay Science Society of Japan (CSSJ) and the Spanish Clay Society (SEA) will hold a trilateral meeting in Spain in 2010 devoted to Clays and Clay Minerals. The aim of this 2010-Trilateral Meeting on Clays (2010TMC) is to offer a warm and friendly conference that will highlight innovative scientific and technical aspects of clays and related minerals. The 2010TMC will begin with a one-day Workshop on Clays & Materials in Madrid followed by a one-half day field trip to the sepiolite deposits of the region. The General Meeting will take place in Seville, with a field trip to the Rio Tinto Mines area (SW-Spain).

Conference Activities, Places & Dates

Workshop on Materials and Clay Minerals
(Madrid, 6 June 2010)

Symposium on Sepiolite & Field Trip to Sepiolite Deposits
(Madrid, 7 June 2010)

General Meeting & Field Trip to Rio Tinto Mine
(Seville, 8-11 June 2010).

Madrid is a bustling, friendly and cosmopolitan city, retaining its place as a European business hub and Spain's political and economic centre. It is located at the Centre of the Iberian Peninsula being very well linked to the rest of Spain and foreign countries by air, rail or road. A high-speed train (AVE) connects Madrid with Seville in about 2h 30min.



The General Meeting will take place in Seville, located in the Southwest of Spain. Seville has always been a friendly city open to all cultures with a rich past, a dynamic present, and an exciting future. It is the capital of the province

Madrid city

and the Andalusian region, with around one million inhabitants. The city of Seville is located on the Plain of Guadalquivir River which crosses the city from North to South.



Seville city

Weather in June is warm and sunny in Madrid and warmer in Seville. Temperatures could range from 15°C at night to 35°C during the day. Light clothing is suitable for this period of the year.

Important Dates

November 2009, second circular & pre-registration
December 31st, 2009 deadline for abstract submission
March 31st, 2010 deadline of registration fees discount

Committees

Organizing Committee

General Chair: Eduardo Ruiz-Hitzky (SEA)
Co-Chairs: Ray E. Ferrell (CMS) and Yoshiaki Fukushima (CSSJ)
General Secretary: Pilar Aranda
General Treasurer: Patricia Aparicio

International Scientific Committee

CMS: Andrew Thomas (Chevron, Inc.); Derek Bain (Macaulay Institute, emeritus); Joseph Stucki (University of Illinois) and Warren Huff (University of Cincinnati).

CSSJ: K.Okada (Tokyo Institute of Technology), T.Sakamoto (Chiba Institute of Science), R.Kitagawa (Hiroshima University), E.Narita (Iwate University), M. Shishime (Vorclay Japan Corporation) and A. Inoue (Chiba University).

SEA: Juan Cornejo (IRNASE-CSIC), Emilio Galán (University of Seville), Santiago Leguey (Autonoma University of Madrid), Fernando Nieto (University of Granada), José Luis Pérez-Rodríguez (ICMSE-CSIC), José María Serratosa (ICMM-CSIC), Mercedes Suárez (University of Salamanca) and Vicente Rives (University of Salamanca)

Language

The official Language will be English

Request for Further Information

To Dr. Pilar Aranda, 2010TMC@sea-arcillas.es

Provide the following to receive the 2nd circular

Please send me the **2010TMC** Second Circular.

NAME

AFFILIATION

FULL ADDRESS

EMAIL

TEL..... FAX

Oral and Poster Presentations: I am interested in offering a paper/poster contribution relating to:

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Workshop on Materials & Clay Minerals

Chairs: Lawrence F. Drummy (CMS); Makoto Ogawa (CSSJ); Pilar Aranda (SEA)

A one day workshop on the development and use of advanced materials based on clay minerals. The lectures will be presented by experts from academia and industry. The proceedings will be published by the CMS as a monograph (*CMS workshop Lectures*).

Symposium on Sepiolite & Field Trip to Sepiolite Deposits

Chairs: Santiago Leguey (Univ. Autónoma de Madrid), Emilia García-Romero (Univ. Complutense), Jaime Cuevas (Univ. Autónoma de Madrid)

The symposium will include several selected conferences on diverse topics related with sepiolite, from genesis to applications, as well as a field trip to the Tagus Basin (general stratigraphy and mineralogy) and a short visit to mining works for Mg-clays some few kilometres southward from Madrid.