



# aipea

Association internationale pour l'étude des argiles  
International association for the study of clays  
Internationale Vereinigung zum Studium der Tone  
Международная ассоциация по изучению глин

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newsletter N°39

June 2004

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Editor: Prof.R.Schoonheydt, President, Department of Interphase Chemistry,  
K.U.Leuven  
Kasteelpark.Arenberg 23, B-3001, Heverlee, Belgium  
Telephone: 32-16-321592, fax: 32-16-321998  
e-mail: [robert.schoonheydt@agr.kuleuven.ac.be](mailto:robert.schoonheydt@agr.kuleuven.ac.be)  
<http://aipea.org>

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## 1. EDITORIAL

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Dear friends,

The AIPEA council has gone through a difficult period. Prof. Ray Frost resigned as secretary-general. The council has accepted his resignation at its meeting in Modena in June 2003 and appointed prof. Theo Kloprogge as acting secretary-general. You can reach him by email at [t.kloprogge@out.edu.au](mailto:t.kloprogge@out.edu.au). His phone number is +61 7 3864 2184; his fax is +61 7 3864 1804 and his address: Dr. Theo Kloprogge, Inorganic Materials Research Group, School of Physical and Chemical Sciences, Room E508, Gardens Point Campus, Queensland University of Technology, CRICOS N° 00213J, 2 George street, P.O.Box 2434, Brisbane, Q4001, Australia.

It was agreed that the primary task of Theo was the development of a new website. He has accomplished it and you can go to <http://aipea.org> to have a look.

It is our goal to reach all AIPEA members and clay scientists via the website. The website must be our primary communication channel in the future. Announcements, news, newsletter, list of addresses and all other information will be made available on the website.

Due to this transition period we were unable to produce a newsletter in 2003. I apologize for that unfortunate event. The present newsletter contains all the information concerning the activities of AIPEA at the occasion of the International Clay Conference in Tokyo in August 2005. These events are: Bradley award, AIPEA Medal Awards; Student Travel Grants. Rules and deadlines are all contained in this newsletter. Also proposals to host the 14<sup>th</sup> International Clay Conference in 2009 can be prepared and must be submitted before the start of the 13<sup>th</sup> International Clay Conference in Tokyo.

As you see, we have a lot to do and to catch up. I hope that AIPEA is again on the right track and that by the time of the 13<sup>th</sup> International Clay Conference we are alive and kicking and ready for the future.

Robert Schoonheydt  
President

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## 2. 13<sup>th</sup> INTERNATIONAL CLAY CONFERENCE.

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### 3.1. THE CONFERENCE "CLAYSPHERE: PAST, PRESENT AND FUTURE"

August 21-27, 2005  
Waseda University, Tokyo, Japan

The conference comprises General Sessions, Symposia and Field Excursions.

General Sessions include themes such as:

- G1. Teaching Clay Science
- G2. Clays in Geology
- G3. Crystal Chemistry and Structure of Clays
- G4. Synthesis of Clays
- G5. Physical and Chemical Properties of Clays

- G6. Simulation
- G7. Characterization of Clays
- G8. Clays in Industry
- G9. Waste Management and Clay Barriers and Civil Engineering
- G10. Clays and Environment
- G11. Clays and Human Health
- G12. Clay-Biology Interface
- G13. Soil and Non-Crystalline Clays
- G14. Layered Double Hydroxides and Anionic Clays
- G15. Zeolites: Properties and Application
- G16. Activated Clays and Porous Materials
- G17. Clay-Organic Intercalation Compounds
- G18. Other topics

#### Symposia -Clays, Science and Technology -

- S1. Interstratified Minerals: Aspects of their Structure, Chemistry and Genesis
- S2. Non Periodic Structures in Clay Minerals
- S3. Exfoliation and Swelling of clays
- S4. Clay-Polymer Nanocomposites
- S5. Advanced Applications of Clay-Organic Intercalation Compounds

#### Field excursions

- F1. Bentonite resources of northern Honshu
- F2. Clays in active (Hachimantai) and fossil (Kuroko deposit) hydrothermal systems, northern Honshu
- F3. Sedimentary kaolin deposits in central Honshu
- F4. Pyrophyllite deposit and Hiroshima peace memorial park
- F5. Pottery stone deposit and Arita-yaki porcelain (Imari) of western Kyushu.
- F6. Volcanism, alteration, and clay mineralization in the southern end of Kyushu
- F7. Clay mineral deposits in southern Korea

(F1:pre-conference, F2-F7: post-conference)

#### Time schedule(tentative)

September, 2004

Publication of second circular on web site

The end of February, 2005

Deadline for submission of abstract

The end of February, 2005

Deadline for pre-registration and publication of third circular on web site

All the information about the Conference and its structure is available on the web site: <http://www.soc.nii.ac.jp/Cssj2:13ICC/>. For any enquiries the Secretary General, Prof. Takabumi Sakamoto, can be contacted at: [icc13@das.ous.ac.jp](mailto:icc13@das.ous.ac.jp).

Address for Correspondence:

Professor Takabumi Sakamoto  
Secretary General 13<sup>th</sup> ICC  
Faculty of Science

Okayama University of Science  
1-1, Ridai-cho, Okayama 700-0005  
Japan  
Phone and Fax: +81-86-252-8922

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### 3. AIPEA FELLOWSHIP

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The following rules are approved (Modena,2003)

1. AIPEA fellows are clay scientists with an active life in promoting clay sciences and in supporting the clay science community through the AIPEA organization and through other bodies
2. A proposal of fellowship is submitted by an AIPEA council member, by an AIPEA liaison officer or by a national or regional society of clay scientists
3. The proposal contains publications, documents and testimonies which support it. It is submitted to the president nine months before the start of the International Conference.
4. The selection of the candidates is made by the council. A written procedure will be followed.
5. The fellows must be members of AIPEA. He/she will be invited to take part in the international conferences at which the fellowship is bestowed upon him/her. AIPEA takes care of the registration fee of the selected candidates.
6. A maximum of two fellows can be selected at each international conference.

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### 4. BRADLEY AWARD

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The Bradley award will be presented during the 13th International Clay Conference in Tokyo. The closing date for submission of manuscripts is **November 1, 2004**. All correspondence must be addressed to Prof. Robert Schoonheydt, President AIPEA, Center for Surface Chemistry and Catalysis, K.U.Leuven, Kasteelpark Arenberg 23, 3001 Heverlee, Belgium

All AIPEA members should encourage entries of high quality. You are therefore requested to circulate the regulations and the application form among possible candidates.

#### Rules

1. The objective of this award is to offer financial assistance to the recipient to enable him or her to participate in an International Clay Conference for the purpose of presenting his or her paper.
2. Candidates must submit five copies of a paper of approximately 4000 words in English, French, German, Russian or Spanish on a topic relevant to one of the sessions at the Conference. Papers written in a language other than English must be accompanied by an extended summary of not less than 1000 words in English. The paper should be written in a format acceptable for international journals. Assessment

will be on scientific content only and the winning entry shall form the substance of a paper to be presented by the successful candidate at the Conference to which the award relates.

3. The award will normally be made at four-yearly intervals and initially will not exceed 1000 \$, although the value will be reviewed from time to time. An award shall not be made if it is considered that candidates do not reach the required standard.
4. Persons eligible for the award shall be under 35 years of age on the closing date for submission: no restriction is placed on the sex or nationality of the candidate or the nature of his or her employment. Every application must be supported by two members of AIPEA.
5. The selection committee shall consist of the President of AIPEA and four members nominated by the Council of AIPEA. The paper must be in the hands of the selection committee at least six months before the Conference to which it relates.
6. A suitably inscribed certificate will be presented to the successful candidate during a plenary session to be followed by the oral presentation of the winning paper. A portion of the prize may be sent to the successful candidate in advance in the form of a ticket enabling him or her to travel to the Conference.
7. The attached form must be completed and returned with each entry to arrive before the official closing date (see end of newsletter). The candidates must note that the deadline will be strictly observed.
8. The winning paper must be submitted for publication in the Conference proceedings.

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### 5. AIPEA MEDAL AWARDS

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AIPEA medals were established by the general assembly of AIPEA to honour active clay scientists in recognition of their contributions to clay science. The following rules were established:

- 1) The AIPEA medals are established to award clay scientists for their outstanding contributions to the advancement of knowledge of clays and clay minerals. A maximum of two medals will be awarded every four years at the occasion of the International Clay Conference.
- 2) Candidates must be active clay scientists. Active means a minimum of three publications in refereed and internationally recognized journals in the two years preceding the year of the international Clay Conference at which the medals will be awarded.
- 3) Candidates can be proposed by affiliated societies, by AIPEA members or by at least three individual AIPEA members. Candidates may submit their own application with their Science Citation Index.
- 4) Each application consists of:
  - the curriculum vitae of the candidate;
  - his/her list of publications of the last ten years
  - letters of support from those who propose the candidate.
- 5) The applications are judged by the AIPEA medal committee consisting of the president (chairman), the vice-president, the past-president and four members, three appointed by the council and one by the sponsoring company.
- 6) The applications must be submitted to Prof. Robert Schoonheydt, president AIPEA, Center for Surface Chemistry and Catalysis, K.U.Leuven, Kasteelpark Arenberg 23, 3001 Heverlee, Belgium, from which all information concerning the AIPEA medals can be obtained. The closing date of submission of candidates is **November 1, 2004**.

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## 6. STUDENT TRAVEL GRANTS

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The following rules are adopted for support of students to travel to the 13th International Clay Conference, Tokyo, Japan.

1. The student submits an abstract and his/her curriculum vitae
2. This submission is supported in writing by his/her supervisor
3. Both the student and the supervisor are members of AIPEA
4. The student is under 35 years of age.
5. The financial support can only be used to attend an International Clay Conference and its associated excursions, field trips and workshops.
6. Student can only apply for one International Conference
7. The amount of money can be up to \$ 500,- per student.

Address for submission: Prof. Robert Schoonheydt, President AIPEA, Center for Surface Chemistry and Catalysis, K.U.Leuven, Kasteelpark Arenberg 23, 3001 Heverlee, Belgium.

The selection committee will consist of H. Murray, J. Percival and G. Lagaly.

For the 13th ICC the deadlines are as follows:

- submission of abstract + CV + letter of support: November 1, 2004
- notice of decisions: January 1, 2005

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## 7. COMMITTEES

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### Nomination Committee

Robert A.Schoonheydt, President  
Eien Roaldset  
Dick Merriman  
Tony Eggleton  
M. Formoso

### Bradley Award Committee

Robert A.Schoonheydt, President  
Robert Fitzpatrick  
Jeanne Percival  
Fernanda Cravero

### AIPEA Medals Committee

Robert A.Schoonheydt, President  
E. Galan  
E. Roaldset  
A. Lalonde  
J. Elzea Kogel  
A. Yamagishi

Teaching Committee: chair D. Schulze

Nomenclature Committee: chair S. Guggenheim

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## 8. MEMBERSHIP INFORMATION

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AIPEA accepts as members clay scientists, institutions and companies. Members may join individually or through cooperating national scientific societies.

Please fill in the attached form for joining AIPEA and send it along with your dues payment to the Treasurer.

The annual membership fees are as follow: (in US dollars)

	1 year	4 years
Individual member	7.50	30.0
Institution/Company	25.00	100.0
Student member	3.75	15.0

Affiliated societies: 50% reduction per member. All members are then automatically AIPEA members.

Your cooperation in observing the following suggestions in paying your membership fees will be appreciated:

AIPEA membership dues can be paid by using a VISA card system. Please state your VISA card number and the expiration date along with authorization for Dr. P.M. Huang, AIPEA Treasurer, to charge your AIPEA membership dues to your VISA card.

1. Pay fees by
  - a) bank money order, payable in US dollars or
  - b) international postal money order, payable in US dollar
2. Pay membership fees for four-year periods
3. Make check or money order payable to AIPEA and mail to:

Prof. Dr. A. Mermut, treasurer AIPEA  
Department of Soil Science  
University of Saskatchewan, ,  
51 Campus Drive, Saskatoon, SK S7N 5A8, Canada  
tel: +1-306-966-6823  
fax: +1-306-966-6881  
e-mail: mermut@skyway.usask.ca

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9. AIPEA MEMBERSHIP APPLICATION FORM

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please print or type!

Family name : .....  
Given name:.....  
Title:.....  
Mailing Address:.....

Amount of due enclosed: \$ ..... for ..... years  
Type of membership: .....  
If you are an individual member of an Affiliated Society, give the name of the  
Society.....  
Date: .....  
Signature: .....

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10. CHANGE OF ADDRESS

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Name: .....  
New Address: .....  
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.....  
Date effective: .....

Please mail to the AIPEA Treasurer:  
Prof. Dr. A.Mermut  
Department of Soil Science  
University of Saskatchewan, .  
51 Campus Drive, Saskatoon, SK S7N 5A8, Canada