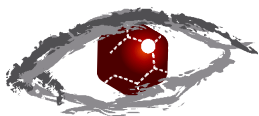


## 2<sup>ND</sup> INTERNATIONAL CONFERENCE

### "CLAYS, CLAY MINERALS AND LAYERED MATERIALS" - CMLM2013



CMLM 2013 ...

ST PETERSBURG, 11-15, SEPTEMBER, 2013.

[HTTP://WWW.2013.RUCLAY.COM](http://www.2013.ruclay.com)

2<sup>st</sup> International conference "Clays, Clay Minerals and Layered Materials – CMLM2013 is devoted to the study of clay minerals and layered materials and their industrial applications. Layered materials always attract a lot of attention due to the variety of chemical composition, structure and properties. Today a special interest is given to the application of layered materials in nanotechnology. The conference has an interdisciplinary character. It is aimed to join specialists in the different fields of fundamental and applied science.

#### **Organization and Support:**

Russian Academy of Science; Institute of Ore Geology, Petrography, Mineralogy and Geochemistry RAS; Faculty of Geology, Saint Petersburg State University; Institute of Precambrian Geology and Geochronology RAS; Herzen State Pedagogical University of Russia; Clay Commission of Russian Mineralogical Society; Russian Clay Group; GeolinvestProekt, Russian Minerals Society

**Chairs:** Prof., Dr. Victor A. Drits, Russia, Prof., Dr. Jan Srodon, Poland

**Co-Chair:** Dr. Victoria Krupskaya, Russia

**Secretary:** Dr. Tatiana Zaitseva, Russia

#### **Scientific Committee:**

A.O.Alekseev (Russia), T.A. Alekseeva (Russia), D.B. Alves (Brasil), G. E. Christidis (Greece), K. Górnjak (Poland), O.V. Frank-Kamenetskaya (Russia), I.M. Gorokhov (Russia), J. Guadros (UK), P.G. Izotov (Russia), S. Kadir (Turkey), T. Koguro (Japan), P. Komadel (Slovakia), E.N. Kotelnikova (Russia), G.A. Krinary (Russia), S.V. Krivovichev (Russia), B. Lanson (France), J. Madejova (Slovakia), E.M. Nesterov (Russia), S. Petit (France), M. Plötze (Switzerland), M. Pospisil (Czech Republic), F. Rocha (Portugal), B.A. Sakharov (Russia), L.M. Sitdikova (Russia), T.A. Sokolova (Russia), E.P. Solotchina (Russia), M.N. Timofeeva (Russia), A.B. Vrevskiy (Russia), J.M. Wilson (UK), L. Wilson (UK), B.B. Zviagina (Russia)

#### **Local Committee:**

V.A. Drits, S.V. Krivovichev, B.A. Sakharov, V.V. Krupskaya, T.S.Zaitseva, N. Alfimova, E.N. Kotelnikova, O.V. Frank-Kamenetskaya

#### **The main dates:**

Early bird registration – till May 30, 2013

Regular registration – after May 30, 2013

Abstract submission – June 30, 2013

Communication of abstract acceptance – August 10, 2013

**Registration is opened on the web-page <http://www.ruclay.com> .**

## **Scientific Program:**

Session S1: ***Structure, Composition and Crystal Chemistry;***

**Chairs:** Dr. Victor Drits (Russia), Dr. Sergey Krivovichev (Russia)

Session S2 - ***Geology, mineralogy and geochemistry, soils and sediments.***

**Chairs:** Dr. Jan Srodon (Poland), Prof. Dr. Tatiana Sokolova (Russia)

Session S3 - ***Physical and Chemical Properties of Clay Minerals and Layered Materials;***

**Chairs:** Dr. Michael Plötze (Switzerland), Prof. Dr. V.I. Osipov (Russia)

Session S4 - ***Industrial applications of clays and layered materials;***

**Chairs:** Dr. George Cristidis (Greece), Dr. Lyudmila Novikova (Russia)

Session S5 - ***Environment and Health, Archaeology and Art;***

**Chair:** Dr. Saviero Fiore (Italy)

### ***Special symposiums:***

SS1 - ***Clays in Oil and Gas Industry;***

**Chairs** – Prof. Dr. Douglas McCarty, *USA* and Dr. Lyudmila Wilson, *UK*

Investigation of clay minerals for the developing of soils and gas geology, clay cements in sandstone reservoirs, investigation of clay minerals for the developing oil and gas geology, clay cements in sandstone reservoirs, interaction of reservoir rock and operational fluids, alteration of clay minerals in oil and gas saturated rocks, facies analysis and clay mineralogy, shale mineralogy and borehole instability, formation damage: ways to control, produced waters in sandstone reservoirs and their interaction with clay.

SS2 - ***Clays in Earth-life evolution***

**Chairs** – Dr. Javier Cuadros, *UK* and Dr. Andrey Alekseev, *Russia*

Wide topic includes all sort of mineral-life interaction where clays play a role or that are recorded in the clay, somehow. It would also include issues of wide interest like the mutual influence of life and minerals in their evolution (evolution of life, and evolution of the Earth).

SS3 – Chemical modification of clays for research and industrial applications

**Chairs** – Dr. Peter Komadel, *Institute of Inorganic Chemistry, SAS, Bratislava, Slovakia* and Dr. M.A. Timofeeva, *Boreskov Institute of Catalysis CB RAS, Novosibirsk, Russia*

Contributions on various uses of clay materials, including separated minerals or fractions, chemically modified for different purposes in research and applications are expected. The authors of these contributions will decide on the range of topics to be discussed within this symposium with no restrictions set by the organizers

### ***Preliminary list of plenary lectures:***

Prof. Dr. Toshihiro Kogure, *Japan*: “Real structures of clay minerals revealed by HRTEM”

Prof. Dr. Jeff Wilson, *UK*: “Pedogenic clay minerals in soils: a broad overview”

Prof. Dr. Douglas McCarty, *USA*: “Structural composition relationships in illite-smectite and other clay minerals”

Prof. Dr. Bruno Lanson, *France*: “Crystal chemistry of defective lamellar structures: Implications for environmental and applied issues”

## Abstract preparation and submission:

All abstracts should be saved in Rich Text format or WORD. Authors should submit their abstracts through internet web-page <http://2013.ruclay.com> before June 30, 2013.

Abstracts should be written in English by word processor MS Word (or compatible) with using Times New Roman font. Page should be set on A4 portrait format (210 x 297 mm). The margins should be set as 2.5 cm. The total length of an Abstract (including title, authors, figures, tables, references) is limited to one page only.

The title should be typed in bold style, 12 points and centred.

Leave one empty line and then give the full name(s) and surname(s) of the author(s). Use small letters, unless capital letters are required, bold style, 11 points, and also centred.

The name of the author who will present the paper should be underlined. Leave one line empty and then give the address(es) and e-mail(es) also in small letters, unless capital letters are required, normal style, 10 points, and again center.

Leave one empty line before the text (11 points, normal style), which should be single spaced and justified. Indent the first line of each paragraph by 0.5 cm. References in the body of the text should be cited as follows: one author – (*Dikin, 2001*), two authors – (*Dikin & Bukin, 1998*), more than two authors – (*Dikin et al., 2008*). All references mentioned in the text should be cited in the alphabetical order below the text in 8-pont types.

Surname1 N., Surname2 N, Surname3 N. (2008). Title of the cited paper. Journal, (book), pages. Choice of presentation (Oral or Poster) and the Session code should be indicated at the end of abstract and in the e-mail message with the abstract attached.

The name of the abstract file should be indicating by surname of presented author and number of thematic session or symposium (e.g., Bukin-SS1.rtf).

## Conference registration fees

Payment in Russian Rubles (RUB) is preferred.

Registration categories	Early bird reduced fee till May 31, 2013	Regular participant fee after May 31, 2013
Students (a)	450 RUB	950 RUB
Young scientists (<35y.o.) (b)	2500 RUB	3500 RUB
Employers from budget organizations (Research Institutes and Universities)	4500 RUB	6000 RUB
Employers from commercial organizations (research institutes and companies)	8500 RUB	10500 RUB
Senior (c)	2700 RUB	3800 RUB
Accompanying person	2000 RUB	3000 RUB

20 % VAT is included

Members of Russian Mineral Society and Russian Clay Group – 30% discount for registration fee (excluding young scientists and students)

<sup>a</sup>student: enrolled in any regular undergraduate/graduate program or participating in a PhD program and not received the degree yet. Status must be confirmed.

<sup>b</sup>young scientist working for research institutes and universities which age is not 35 years old.

<sup>c</sup>senior: retired scientist having no more research grant and/or financial support from her/his former institution

**Registration fee for conference participants includes:**

Participation in scientific sessions

Admission to the Opening and Closing Ceremony \*

Printed and electronic version of the Abstracts volume

Conference bag with conference materials

Welcome party \*

Coffee breaks \*

Access to field trip registrations \*

Social events during the conference \*

\*Accompanying persons' registration fee includes the items above marked by \*

**Cancellations**

Only written cancellations to the Organizing Committee will be accepted. Cancellations of participation at the Conference, accommodation and optional services are subject to the following cancellation conditions:

**Before May 31, 2013**

10% of the payment received, bank charges will be charged to the participant

**June 1 - June 30, 2013**

50% of the payment received, bank charges will be charged to the participant

**After July 1, 2012 Communication of abstract acceptance**

no refunds for cancellations after this date

**Travel and visa support**

Organizing committee can provide some help with invitation letters for Russian visa. If you need visa for travelling in Russia please contact **Dr. Tatiana Zaitseva** yearly than 3 month before the date of your travelling.

Deadline for **non Schengen countries** – May 31th, 2013

Deadline for **Schengen countries** – June 30th, 2013

**Contacts:**

**Dr. Victoria Krupskaya**

Senior Research Fellow

Belov Laboratory of Crystal Chemistry of Minerals

Institute of Geology of Ore Deposits, Petrography, Mineralogy and Geochemistry, Russian Academy of Science, 119017, Staromonetniy per., 35; Russian Federation

Tel: +7 (499) 230-82-96, Fax: +7 (495) 951-15-87; <http://www.ruclay.com>

e-mails: [krupskaya@ruclay.com](mailto:krupskaya@ruclay.com), [vi.krupskaya@gmail.com](mailto:vi.krupskaya@gmail.com)

<http://www.facebook.com/groups/ruclay/>

**Dr. Tatiana Zaitseva**

Senior Research Fellow

Laboratory of Isotope Stratigraphy and Geochronology of Sedimentary Rocks

Institute of Precambrian Geology and Geochronology Russian Academy of Science

nab. Makarova 2, St.Petersburg, Russia, 199034

Secretary of Clay Minerals Commission of the Russian Minerals Society (CMC RMS)

Tel: +7 (812) 328-02-92, Fax: +7 (812) 328-48-01

e-mails: [z-t-s@mail.ru](mailto:z-t-s@mail.ru); [tatiana.s.zaitseva@gmail.com](mailto:tatiana.s.zaitseva@gmail.com)

<http://www.facebook.com/groups/ruclay>