

## Events

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### 1972 INTERNATIONAL CLAY CONFERENCE

to be held in Madrid, Spain, organized by the Spanish Clay Society, under the auspices of Association Internationale Pour l'Étude des Argiles, from 25 to 30 June 1972.

The following sections are planned to be organized:

1. Crystal chemistry of clay minerals (structures included).
2. Clay minerals, genesis and synthesis.
3. Colloidal properties of clays.
4. Surface chemistry of clays (including catalytic properties).
5. Volume absorption phenomena (organic compounds included).
6. Technical properties and applications of clays and clay minerals.
7. General papers.

All correspondence on general matters related to the Conference should be addressed as follows:

### 1972 INTERNATIONAL CLAY CONFERENCE

Prof. Dr. J. L. Martin Vivaldi, Secretary General  
Departamento de Cristalografía y Mineralogía  
Facultad de Ciencias. Sección de Geología  
Ciudad Universitaria. MADRID-3. España.

### Vth CONFERENCE ON DTA IN CHEMISTRY OF SILICATES

A conference on DTA investigation in chemistry of silicates was held in Smolnice (CSSR) on 16–17 July 1970.

The text of the lectures was published in Czech. The following lectures were delivered on the meeting:

The International Confederation for Thermal Analysis.

R. Bárta (Prague)

Study of the possibilities of using radioactive kryptonates for completing the methods of DTA in chemistry of silicates.

S. Varga, M. Vanis, J. Tölgyessy (Department of Radiochemistry and Radiation Chemistry, The Chemical Faculty of the Slovak Techn. Univ., Bratislava)

Apparatus for simultaneous recording of the DTA curve and the dekryptonation curve of the same sample.

M. Vanis, S. Varga, J. Tölgyessy (Department of Silicate Technology, Bratislava)

Application of the principle of DTA for the primary calibration of thermocouples.

J. Mráček (Ceramic raw material producing Institute, Horni Briza)

Measuring of the equilibrium vapour pressure of water in systems formed by the decomposition of hydroxides.

L. Pach (Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava)

Application of thermal analysis in the research of additives for welding and brazing.

L. Kosnác (Research Institute for Welding, Bratislava)

Thermography of the hydration and carbonation of CaO.

V. Lach (Technical University of Brno)

Thermal analysis of the mixture  $\text{CaCO}_3 + \text{SiO}_2$  with addition of lithium salts.

V. Figus, Z. Hrabe, O. Koráb (Institute for Silicate Technique, Faculty of Chemical Technology, Slovak Techn. Univ., Bratislava)

Application of rapid DTA method to the solution of heterogeneous silicate systems in hydrothermal conditions.

J. Petrovic (Department of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava)

Contribution to the identification of asbestos by means of thermal analysis.

J. Ryba, Z. Hrabe, O. Koráb (Department of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava)

Some experience with the additive thermal analysis.

R. Bárta, D. Jakubeková (Institute for Architect, Bratislava)

Crystallochemical aspects of the DTA curves of kaolinite.

J. Polakovic (Department of Physical Chemistry, Slovak Techn. Univ, Bratislava)

The derivatograph as control apparatus in the manufacture of porcelain and steatite.

J. Matejka (Electroporcelan, Louny)

The influence of fluoride addition on the thermal behaviour of kaolin.

I. Turnovec, J. Bekánková (Electrode producing enterprise, Benátkynad Jizerou)

Study of reaction processes of  $\text{NaPO}_3$  with dolomite by means of thermal analysis.

I. Kaprálik, J. Krajci (Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava)

Study of the influence of some sodium salts on the decomposition of dolomite, by means of GTA.

J. Krajci (Department of Silicate Technology, Slovak Techn. Univ., Bratislava)

Determination of the specific surface of clays by methods of DTA; the relationship between height of the first endothermic peak of the water in clays and the technological difficulties in drying them.

D. Havlin (Brickworks association, Division of Bratislava.)

Application of DTA in the study of glassy crystalline materials.

J. Voldán (Research Institute for Glassindustry, Hradec Králové)

Determination of gas-liquid components in barytes, quartz, and magnesite by methods of DTA and GTA.

J. Kristin (Institute of Geology, Slovak Academy of Sciences, Bratislava)

Quantitative determination of Ca-, Mg-, Fe-carbonates (calcite, dolomite, magnesite, ankerite) by derivatographic methods.

J. Kristin, E. Martini (Institute of Geology, Slovak Academy of Sciences, Bratislava)

International directives for thermal analysis.

R. Bárta (Prague)

Reactions in batches of borosilicate glasses.

Z. Petru (State Research Institute for Glassindustry, Hradec Králové)

Thermometric study of vein quartz localities.

J. Kupka, M. Merva, I. Hocmanová (Institute for Petrography, Slovak Academy of Sciences, Kosice)