Events

The Third International Symposium on Coordination Chemistry was held in Debrecen (Hungary) on 3–5 September 1970.
The following lectures dealing with thermal analysis were delivered on the meeting:

The Mössbauer study of iron pyridine mixed complexes and their thermal decomposition products.
Burger K., Liptay G., Korecz I., Király I. and Papp-Molnár E. (L. Eötvös Univ., Inst. Inorg and Anal. Chem., Budapest, Hungary).

Darstellung und Thermolyse von Cyanokomplexen des Prussiattyps.
Papp S. (Univ. Chem. Ind. Inst. Allg. und Anorg. Chem., Veszprém, Hungary).

A derivatographic study of the formation and properties of metal acetate-stearic acid complexes.
Flóra T. (Ind. Heavy Chem. Res. Inst., Veszprém, Hungary).

IIIRD ANALYTICAL CONFERENCE, BUDAPEST

The IIIrd Analytical Conference organized by the Hungarian Chemical Society under the sponsorship of the IUPAC and the Department of Chemical Sciences of the Hungarian Academy of Sciences was held in Budapest on 24–29 August 1970. The subjects of the Conference were: Thermal analysis, Separation methods in analytical chemistry, Organic analysis.
The full text of the lectures appeared under the title Proceedings of the IIIrd Analytical Chemical Conference, Budapest, edited by I. Buzás, published by Akadémiai Kiadó, Budapest. Plenary lectures will be published in Pure and Applied Chemistry.
The following lectures of thermoanalytical interest were delivered on the Conference:

Plenary lectures:

Some recent trend in thermal analysis.
J. P. Redfern (Stanton Redcroft Ltd., London, U.K.)
High temperature reflectance spectroscopy and dynamic reflectance spectroscopy.
W. W. Wendlandt (Department of Chemistry, University of Houston, Houston, Texas, U.S.A.)

Sections:

Application of thermometrical analyzer DIRECTHERMOM in the glass industry.
K. Doering (VEB Jenaer Glaswerk Schott & Gen, Jena, GDR)
Quantitative phase thermal analysis.

A derivatographic study of the reaction of zineb and copper oxychloride.
T. Flóra (Research Institute for Heavy Chemical Industry, Veszprém, Hungary)

Derivatographic study of the process which takes place upon heating the components of a ternary chemical fertilizer.
T. Flóra and M. Menyhárt (Research Institute for Heavy Chemical Industry, Veszprém, Hungary)

Study of the thermal decomposition of fungicides of the phthalimide type.
T. Flóra and Gy. Pfeifer (Research Institute for Heavy Chemical Industry, Veszprém, Hungary)

Thermal decomposition of rare-earth hydroxide-hydrates produced by ion exchange hydrolysis.
M. Fodor, Z. Pokó and Z. Szabó (Central Research Institute for Physics, Department for Nuclear Chemistry, Budapest, Hungary)

Presentation of a simple device for simultaneous micro TGA and DTA experiments. R. Franck and M. Harmelin (Microanalytical Research Laboratory, C.N.R.S., Paris, France)

Studies on the reactions of potassium carbonate with various oxides at high temperatures.
S. Gál, J. Simon and L. Erdey (Institute for General and Analytical Chemistry of the Technical University, Budapest, Hungary)

Thermogravimetric investigation of some commercial molecular sieves.
A. Grőbler and T. Kada (Research Institute for the Plastics Industry, Budapest, Hungary)

Investigation of the thermal behaviour of l-proline with a derivatograph.
J. Györe, I. Simon and M. Ecet (Ministry of the Interior, Budapest, Hungary)

Study of the melts of alkaline-benzene-sulfonates.
Z. Halmos, T. Meisel and L. Erdey (Institute for General and Analytical Chemistry, Technical University, Budapest, Hungary)

Application of DTA and TGA to the Diels Alder diene synthesis.
M. Harmelin,[1] C. Duval[1] and Nguyen Dat Xuong[2] (1. Microanalytical Research Laboratory, CNRS, Paris, France, 2. Institute for Chemistry of Natural Substances, CNRS, Gif-sur-Yvette, France)

Thermometric titration with gaseous titrants.
D. N. Hume and B. J. Duffield (Massachusetts Institute of Technology, Cambridge, Massachusetts, USA)

The study of the isomorphous substitution by thermoanalytical method on synthetic alumo-goethite model.
K. Jónás[1] and K. Solymár[2] (1. Institute of General and Inorganic Chemistry, University of Chemical Industries, Veszprém, Hungary. 2. Research Institute for Non-Ferrous Metals, Budapest, Hungary)

Simultaneous thermogravimetric–IR spectrophotometric and X-ray study of the thermal decomposition of ammonium-paratungstate.
A. B. Kiss, G. Berend and P. Gadó (Tungsram Research Laboratories, Budapest, Hungary)

Study on the thermal decomposition of solids in fluidized bed with programmed temperature – thermal decomposition of diammonium hydrogen phosphate.
J. Kröbl,[1] F. Margineau[2] and C. Liteanu[1] (1. Department of Chemistry, Babeș-Bolyai University, Cluj, Roumania. 2. Institute of Chemistry, Branch Cluj, Academy of Sciences, Roumania)

The investigation of the thermal decomposition of pyridine halide mixed complexes and their decomposition products.
G. Liptay,[1] K. Burger,[2] É. Mocsári-Fülöp[1] and I. Porubszky[1] (1. Department for Applied Chemistry of the Technical University, Budapest, Hungary. 2. Department for Inorganic and Analytical Chemistry of the L. Eötvös University, Budapest, Hungary)

Preparation and thermal properties of lanthanide complexes of TTA.
S. Lis (Department of Radiochemistry, Institute of Nuclear Research, Warsaw-Zeran, Poland)

Thermal decomposition of o-phenanthroline and thiocyanate containing metal complexes.
B. Lóránt (Institute for Chemistry and Food Control, Budapest, Hungary)

Thermal behaviour of some nickelhalide–amine complex.
W. Ludwig (Chemical Section Friedrich-Schiller University, Jena, GDR)

A continuous thermo-gas-analytical method for the direct determination of water evolved during thermal decomposition.
P. Marik-Korda, É. Buzágh, J. Inczédy, J. Paulik and L. Erdey (Institute of General and Analytical Chemistry, Technical University, Budapest, Hungary)

A new complex method for simultaneous derivatographic, dilatometric and thermo-gas analysis.
F. Paulik and J. Paulik (Institute for General and Analytical Chemistry, Technical University, Budapest, Hungary)

Investigation of substances decomposed under evolution of ammonia by simultaneous derivatography and thermo-gas titrimetry.
J. Paulik and F. Paulik (Institute of General and Analytical Chemistry, Technical University, Budapest, Hungary)

Formation and thermal decomposition of alkali uranates.
Z. Pokó, M. Fodor and E. Szabó (Central Research Institute for Physics, Department of Nuclear Chemistry, Budapest, Hungary)

Investigation of the reaction of multicomponent metal oxide systems by derivatography.
I. Porubszky,[1] G. Liptay[1] and G. Bakcsy[2] (1. Institute of Applied Chemistry, Technical University, Budapest, Hungary. 2. Tungsram Research Laboratories, Budapest, Hungary)

Application of thermoanalytical methods for testing thermal stability of silicone rubber.
I. Porubszky,[1] I. Ligethy[2] and G. Liptay[1] (1. Institute of Applied Chemistry, Technical University, Budapest, Hungary. 2. Hungarian Cable Works, Budapest, Hungary)

Some possibilities of determining aluminium by the direct thermometric method.
I. Sajó and B. Siposs (Ferrous Research Institute, Budapest, Hungary)

Application of derivatography in the analysis of minerals and rocks.
B. Selmeczi (Research and Automation Plant, Mining Company, Hungary)

Recent results in derivatographic phase analysis of bauxites and red muds.
K. Solymár and S. Kenyeres-Süke (Research Institute for Non-Ferrous Metals, Budapest, Hungary)

Determination of maleic acid and fumaric acid side by side with the derivatograph.
I. Temesvári,[1] E. Pungor[2] and G. Liptay[3] (1. Analytical Laboratory of the Chemical Works of Gedeon Richter Ltd., Budapest, Hungary. 2. Institute for Analytical Chemistry, University of the Chemical Industry, Veszprém, Hungary. 3. Institute for Applied Chemistry, Technical University, Budapest, Hungary)

Catalytic thermometric titrations of organic bases and acids in non-aqueous media.
V. Vajgand,[1] G. Gaál,[2] Lj. Zrnič,[2] S. Brusin[2] and D. Velimirovic[2] (1. Institute of Chemistry, Faculty of Sciences, Beograd, Yugoslavia. 2. Institute of Chemistry, Faculty of Sciences, Novi Sad, Yugoslavia)

Derivatographic investigation of the oxidative thermal decomposition of polyethylene terephthalate.
H. Zimmermann and E. Schaaf (Institute for Fibre Research. Teltow-Seehof, German Academy of Sciences, GDR)

Thermal decomposition of $[Co(DH)_2Am_2]X$ type complexes under isothermal conditions.
J. Zsakó, Cs. Várhelyi and M. Agosescu (Faculty of Chemistry, Babeş-Bolyai University, Cluj, Roumania)