

## *Editorial*

### *25th Anniversary*

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Principles and instruments of thermoanalytical methods have been known since the turn of the century but their wide-spread application had to be waited for. Not more than 700 publications of DTA were published for 50 years, between 1950 and 1957 this number amounted to 1200. Nowadays, the annual 'output' can be put to 3000 publications.

Significant development started in the 50s and these years are considered to be the beginning of the upswing of thermal analysis. It has several reasons.

Experimental conditions – compared to other branches of science – play a very important role in thermal analysis, therefore, it was difficult to compare the obtained results. The possibility of the simultaneous measurements of both DTA and TG rendered the widespread development. The other reason was the speedy development of the instruments and registrations. In addition, the increase of the demands and the study of technological procedures had a positive influence on the development of the method.

In the 60s, beyond the simultaneous methods, factory produced monofunction instruments of high sensitivity appeared.

Since 1965, ICTA and series of conferences organized by it have contributed to the success of this discipline. Another, very important and necessary step was to start an independent, international journal, so the *Journal of Thermal Analysis* was launched in Hungary in 1969. A scientific institution emphasizing simultaneous methods resulted in instrument production promoted the launch of the first thermoanalytical journal in Budapest, in Central Europe. The publication was a common venture of Heyden & Son Ltd. and Akadémiai Kiadó. Later on Wiley & Sons Ltd. took over the publication.

The demand for such a journal was proved by the fact that another periodical, *Thermochimica Acta* focussing also on thermal analysis was established. Furthermore, the area was enlarged by an independent review journal, *Thermal Analysis Abstracts* in 1972.

For the last 25 years JTA have reported on every important development of thermal analysis. Papers have been sent to be published from all over the world. In the journal's Bibliography Section the distinguished readers have been able to get acquainted with the current literature published in other journals. JTA has been making an effort to provide information on the most significant events in its Events Section and it is to be stressed in the future as well.

JTA published the material of several national and international conferences, i.e. ICTAC, ESTAC.

In this brief review it is necessary to commemorate those founders who cannot witness the 25th anniversary. Professor L. Erdey, one year after the launch, Éva Buzágh and Jenő Paulik, after 20 years of contribution passed away. Among the founder board members Prof. Barta, Prof. S. K. Bhattacharyya, Prof. L. G. Berg, Prof. C. Duval, C. B. Murphy and Prof. B. V. Nikolaev cannot be among us any more either.

What can a Guest Editor wish, who participates in the work of the journal? Another successful and fruitful 25 years, new achievements in peaceful competition with the other thermoanalytical journal promoting new milestones of our beloved discipline, the THERMAL ANALYSIS.

All the best to all contributors.



**Prof. G. Liptay**  
Guest Editor