

Preface

Six years ago, when the first CBRATEC (Congresso Brasileiro de Análise Térmica e Calorimetria) was organised by the Brazilian Association of Thermal Analysis and Calorimetry in Poços de Caldas – MG – Brazil in 1998, none of us knew, how many conferences will follow the first one. That time the Scientific Committee has decided to organise such a conference in every second year. So we reached the III CBRATEC in April, 2002, which was held in Poços de Caldas – MG, Brazil, too.

The third conference meant tradition with regard to the following aspects:

- All conferences were held in Poços de Caldas – MG, in a tiny mine-town, which is located in a small valley and ideal to hold conferences.

- All the participants could enjoy the hospitality of the local inhabitants and the facilities of 'Palace Casino', where the opening and closing ceremonies and all other scientific events were held.

- Despite of the domestic feature of the conference, all of them have been organised with an international participation, when scientists from Europe and the United States were invited.

- The Conference Organisers promoted the participation of the young generation, especially the undergraduates, graduating and Ph.D. students, who represent the new wave among thermal analysts in the near future. Furthermore, their number is continuously increasing.

- At last, but not at least, a nice number of selected papers have been published in the *Journal of Thermal Analysis and Calorimetry* after all conferences.

What was the difference during III CBRATEC, compared to the previous ones?

This was the first time, when the President of ICTAC (Prof. Rouquerol) had been invited, and also that was the first time, when five foreign researchers (J. Rouquerol, M. Jaroniec, D. Burlett, A. Riga and Cs. Novák) the Honorary Membership status of ABRATEC was being awarded.

During the conference the new Staff of ABRATEC was elected. The mandate of Prof. Lazaro Moscardini - who was the first President of ABRATEC - has expired and as second President, Prof. Antonio Gouveia de Souza was elected.

By the time, Readers hold this issue in their hands, we are strongly preparing for the IV CBRATEC, which will be held traditionally in Poços de Caldas – MG, Brazil, between 11–14 April, 2004. Naturally, we would like to continue with all above written 'traditions'. On behalf of the Organising Committee, everybody cordially invited.

Guest Editors:

Jivaldo do Rosario Matos
Valter José Fernandes Jr.



Acknowledgements

The manuscripts have been reviewed by the Referees listed below. Their careful and prompt consideration is gratefully acknowledged.

- | | |
|---|---|
| Almeida Sales, J. A., Campinas, Brazil | Lapides, I., Jerusalem, Israel |
| Aniya, M., Kumamoto, Japan | Lima, S. J. G., João Pessoa, Brazil |
| Araújo A. S., Natal, Brazil | Longo, E., São Carlos, Brazil |
| Araújo Melo, D. M., Natal, Brazil | Lozano, P. O. D., Campinas, Brazil |
| Balek, V., Rež, Czech Republic | Lőrinczy, D., Pécs, Hungary |
| Blecker, C., Gembloux, Belgium | Machado, L. D. B., São Paulo, Brazil |
| Bogdanov, B., Wijnegem, Belgium | Machado, J. C., Belo Horizonte, Brazil |
| Botelho, J. R., João Pessoa, Brazil | Madarász, J., Budapest, Hungary |
| Breviglieri, S. T., São Carlos, Brazil | Malek, J., Pardubice, Czech Republic |
| Brown, M. E., Grahamstown, South Africa | Matos, J. R., São Paulo, Brazil |
| Brzyska, W., Lublin, Poland | Maurera, M. A. M. A., João Pessoa, Brazil |
| Budrugaec, P., Bucharest, Romania | Mercuri, L. P., São Paulo, Brazil |
| Burlett, D., Wadsworth, USA | Milaré, E., Araraquara, Brazil |
| Carvalho, L. H., Campina Grande, Brazil | Mothé, C. G., Rio de Janeiro, Brazil |
| Carvalho Filho, M. A., Curitiba, Brazil | Montserrat, S., Terrassa, Spain |
| Cássia dos Santos, M. R., João Pessoa, Brazil | Olszak-Humienik, M., Szczecin, Poland |
| Concheiro-Nine, A., S. de Compostela, Spain | Oppermann, H., Dresden, Germany |
| Crespi, M. S., Araraquara, Brazil | Pinheiro, C. D., Cajazeiras, Brazil |
| Czajlik, I., Budapest, Hungary | Pintye-Hódi, K., Szeged, Hungary |
| Fajnor, V. S., Bratislava, Slovak Republic | Relkin, P., Massy, France |
| Ferenc, W., Lublin, Poland | Ribeiro, C. A., Araraquara, Brazil |
| Fertonani, F. L., Araraquara, Brazil | Rincón, J. Ma., Madrid, Spain |
| Fessas, D., Milano, Italy | Santos, I. M. G., João Pessoa, Brazil |
| Fonseca, V. M., Natal, Brazil | Santos, J. C. O., João Pessoa, Brazil |
| Györyová, K., Košice, Slovak Republic | Sarbak, Z., Poznań, Poland |
| Ichianagi, Y., Yokohama, Japan | Sbirazzouli, N., Nice, France |
| Ionashiro, M., Araraquara, Brazil | Schmidt, P., Dresden, Germany |
| Jóna, E., Púchov, Slovak Republic | Souza, A. G., João Pessoa, Brazil |
| Kállai-Heller, L., Jerusalem, Israel | Šubrt, J., Rež, Czech Republic |
| Kawano, Y., São Paulo, Brazil | Suñol, J. J., Girona, Spain |
| Kemp, R., Aberystwyth, Wales | Thomas, P., Sidney, Australia |
| Kodama, M., Kumamoto, Japan | Vargha, V., Budapest, Hungary |
| Kojima, T., Kanagawa, Japan | Wieczorek-Ciurowa, K., Cracow, Poland |
| Kurzawa, M., Szczecin, Poland | Yoshida, H., Tokyo, Japan |
| Lamprecht, I., Berlin, Germany | Yoshida, M. I., Belo Horizonte, Brazil |