

New Members of the Board



Dr. Stephen B. Warrington
Regional Editor

EGA Consultancy,
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Leeds LS6 2AZ, UK

Dr. Warrington's early career was in the gas industry, and in air pollution monitoring and control. He then studied for his doctorate under Prof. P. A. Barnes at Leeds Polytechnic, where he helped to develop combinations of evolved gas analysis with other thermoanalytical methods. Following a period of postdoctoral work at Lancaster University, he joined the instrument manufacturers Stanton Redcroft Ltd., and became Chief Scientist. Some ten years ago, the Thermal Analysis Research Unit was established at Leeds Metropolitan University, with Steve as Deputy Head. Short-term projects were undertaken for over 300 industrial clients, in addition to working on established research contracts, developing instrumentation, and mounting short courses. He is currently engaged in consultancy work, particularly in evolved gas analysis and instrumental development.

He has published over fifty papers on thermal analysis, written chapters for five books, and co-edited another. He is presently the chairman of the UK Thermal Methods Group. His main areas of interest, apart from the instrumental aspects, are in solid-state reaction mechanisms, mineralogy and combustion studies.



Krystyna Wieczorek-Ciurowa
Associate Professor
Institute of Inorganic Chemistry
and Technology
Cracow University of Technology
Cracow, Poland

Date of birth: 4th January 1944.

Nationality: Polish

Degrees:

- M.Sc. in Chemistry, Jagiellonian University, Cracow (1967)
- Ph.D. in Chemistry, Technical University of Cracow (1976)
- D.Sc. in Inorganic and Physical Chemistry, Russian Academy of Sciences, Ivanovo (1995)

Present position: Associate Professor, Faculty of Chemical Engineering and Technology, Cracow University of Technology

Visiting fellowships:

- Institute for General and Analytical Chemistry, Technical University of Budapest (Hungary)
- Department of Chemistry, University of Oulu (Finland)
- Institute of Electron Optics, University of Oulu (Finland)
- Laboratoire de Cinétique et Chimie de la Combustion, Université de Sciences et Techniques de Lille (France)
- Labor für Bau- und Werkstoffchemie, Universität Gesamthochschule, Siegen (Germany)
- Institut für Mineralogie, Westfälische Wilhelms-Universität, Münster (Germany)

Experience:

- research of various problems of thermal analysis and thermal stability of inorganic salts, solid-gas reactions – questions related to technological problems associated e.g. with fertilizer production, with chemistry of Ca-based sorbents of SO₂ during combustion of coal under fluidized bed conditions;
- study on mechanochemical synthesis and alterations of physico-chemical properties of solid-solid mixtures, double salts and solid solutions as catalysts.
- experimental techniques used: thermogravimetry, differential thermal analysis, IR spectroscopy, X-ray powder diffraction, scanning electron microscopy with backscattered electron imaging (BSE) and quantitative energy dispersive X-ray microanalysis (EDS).
- teaching: lectures on inorganic chemistry and practical general and inorganic chemistry classes for dogroo students, supervising M.Sc. and Ph.D. students/candidates.

The author and co-author of numerous scientific papers in national and international journals and the proceedings of conferences and seminars.

Member of: Polish Chemical Society (PTCh)

Polish Society of Calorimetry and Thermal Analysis (PTKAT)

International Confederation for Thermal Analysis and Calorimetry (ICTAC)

Her interests outside specialist subject: modern art, culinary customs of different countries.

The Editors, the Publishers take pleasure in welcoming You as new members of the Journal of Thermal Analysis and Calorimetry.