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Proceedings of the Third International Symposium on Separation Technology, Antwerp, Belgium, August 22-27, 1993

Edited by

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PREFACE

Separation technology is gaining increasing attention, not only because it involves many diverse industries with large-scale manufacturing processes, but also because it deals with environmental protection.

The first International Symposium on Gas Separation Technology (ISG) was organized in Antwerp, Belgium, September 10-15, 1989, to provide an international forum for the exchange of ideas and research results with academic and industrial scientists involved in various gas separation techniques. The second symposium was held in Austin, Texas, USA, April 22-24, 1991, which proved to be another success after the successful Antwerp Symposium and had led to the decision to arrange further symposia at regular intervals. As a result, the third International Symposium on Separation Technology (IST) took place again in Antwerp, Belgium, August 22-27, 1993. The meeting was stimulating and was a truly international forum with participants coming from 30 countries (see Figure 1) and about 64% of the participants were connected with industry (see Figure 2).

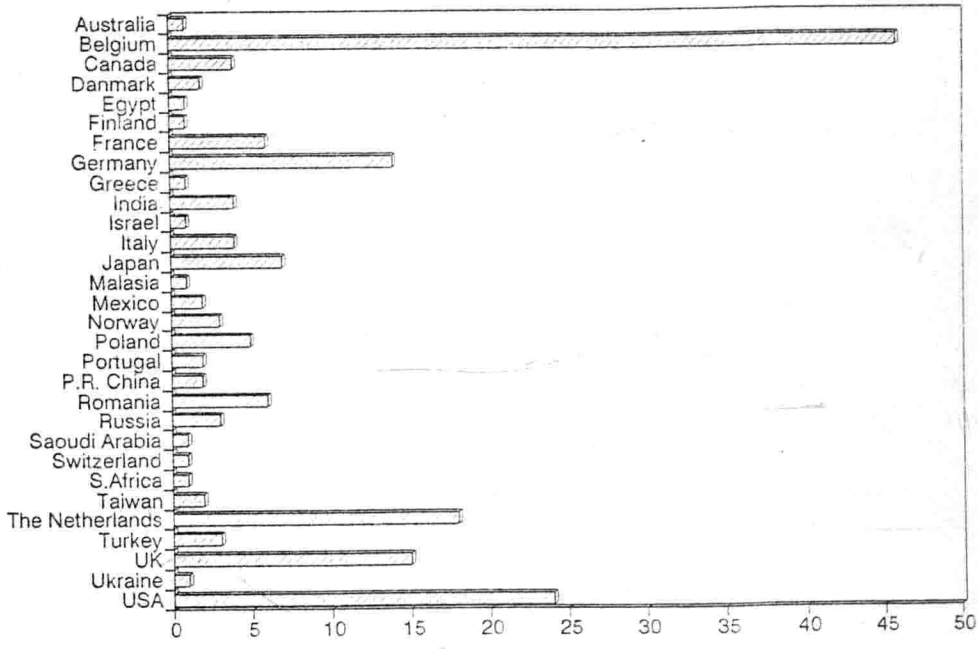

Figure 1

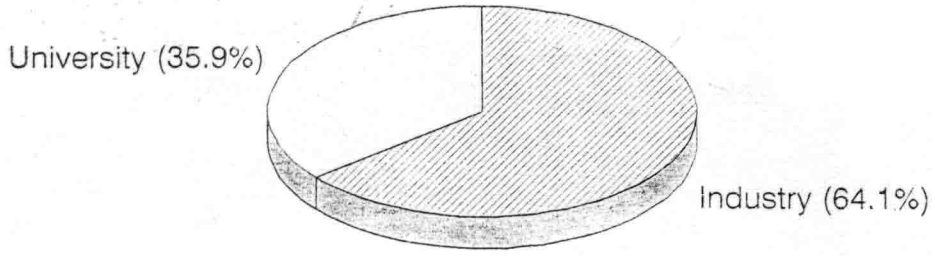

Figure 2

The Third International Symposium on Separation Technology (IST) aimed to present a comprehensive treatment of both fundamental aspects and practical applications of gas and liquid separations. Its purpose is to bring together the different separation techniques and to stress the common underlying principles. Major emphasis was put on the following topics:

- Thermodynamics and modelling
- Separations using sorbents, membranes, chemical processes and other techniques
- Cryogenic separations
- Separations in environmental applications
- Industrial gas separations
- Gas measurements

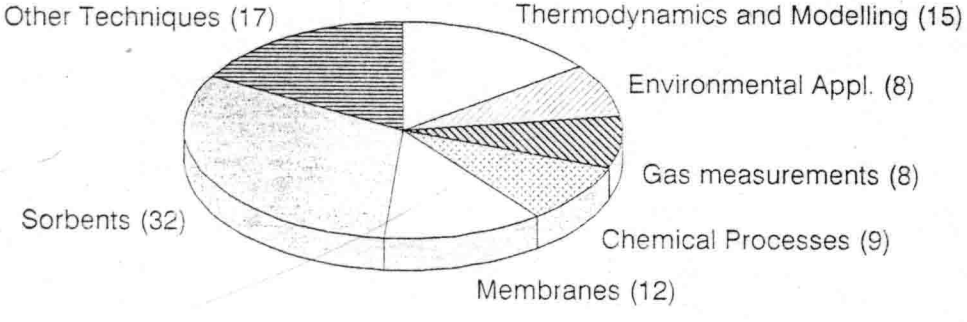

Figure 3

The accepted papers (oral and posters) cover a broad range of separation technologies and a wide spectrum of interests useful for both scientists and practising engineers (Figure 3).

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