

VOLUME 408-409, JUNE 1st 1997

ISSN 0022-2860

VOLUME 408-409 IS COMPLETE IN ONE ISSUE

Journal of

MOLECULAR STRUCTURE

SPECIAL ISSUE

**MOLECULAR SPECTROSCOPY AND
MOLECULAR STRUCTURE 1996**

Proceedings of the
XXIIIrd European Congress on Molecular Spectroscopy,
Balatonfüred, Hungary,
25-30 August 1996

Part A

ELSEVIER

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MOLECULAR SPECTROSCOPY AND MOLECULAR STRUCTURE 1996

Proceedings of the
XXIIIrd European Congress on Molecular Spectroscopy,
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Part A

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Preface

EUCMOS XXIII, the 23rd European Congress on Molecular Spectroscopy, was held during August 25–30, 1996, at the Hotel Fűred, Balatonfűred, Hungary. The meeting was organised under the auspices of the Hungarian Academy of Sciences, the Hungarian Chemical Society and the Ministry of Culture and Education. The 10 plenary lectures, 27 keynote lectures, 75 oral presentations and more than 300 posters presented the latest results of research in all major branches of molecular spectroscopy. There were some 350 participants including around 200 scientists from Eastern Europe. There was also a good representation of scientists from outside Europe, reflecting the truly international nature of this series of conferences.

The scientific work presented during the meeting ranged over the following topics

1. Environmental problems, remote spectroscopy;
2. Medical and biological problems;
3. Vibrational, electronic, NMR and ESR spectroscopies;
4. Mass spectrometry;
5. Rotational (high resolution) spectroscopy;
6. Time resolution, transients, relaxation;

7. Temperature, pressure, order, phase effects;
8. Surfaces, interfaces, nanostructures, microscopy;
9. Polymers, semiconductors, superconductors;
10. Theoretical approaches, structure, interactions;
11. Resonance and non-linear phenomena;
12. New techniques;
13. Analytical applications, chemometrics;
14. Chemical and photochemical reactions;

The papers were of a very high standard and, as usual, the participants were able to interact widely through personal and group discussion. The editors would like to thank all the authors who have contributed to these Proceedings.

The XXIVth EUCMOS will be held in Prague, Czech Republic, during 23–28 August 1998.

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