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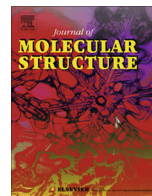
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Preface

EUCMOS XXXI, the 31st European Congress on Molecular Spectroscopy, was held during August 26–31, 2012, at the Campus Economica of the Babeş-Bolyai University, Cluj-Napoca, Romania. The meeting was organised by the Faculty of Physics of the Babeş-Bolyai University.

The conference program comprised 20 invited and plenary lectures, nearly 100 oral presentations and about 200 posters surveying current research in molecular spectroscopy. There were some 297 participants from 37 countries, including 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 was organised over the following groups of topics:

1. Vibrational, electronic and magnetic resonance spectroscopies.
2. Spectroscopy of surfaces and interfaces.
3. Spectroscopy of biological molecules.
4. Computational methods for spectroscopy.
5. Applied spectroscopies (archaeology, geology, mineralogy, arts, environmental analysis, food analysis and processing).
6. New materials (nanostructured and supramolecular systems, materials for molecular electronics and optoelectronics, magnetic materials).
7. Analytical methods and new instrumentation.

In addition there were two workshops and a seminar on “Light induced Reactions in Cryogenic Matrices”.

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

The XXXIInd EUCMOS will be held in Düsseldorf, Germany, during 25–29 August 2014. Details from:

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