FOREWORD

The annual Croatian-Slovenian Crystallographic Meetings are held alternately in Croatia and in Slovenia. According to an agreement between crystallographers of the two countries, when meetings are held in Slovenia, conference papers based upon the plenary lectures are published in *Acta Chimica Slovenica*, and when in Croatia, in *Croatica Chemica Acta*.

THE NINTH SLOVENIAN-CROATIAN CRYSTALLOGRAPHIC MEET-ING was held in Gozd Martuljek (The Julian Alps), Slovenia, from June 15 to 17, 2000. Plenary lectures were given by Professor Carmelo Giacovazzo (University of Bari, Italy), Professor Anton Tonejc (University of Zagreb, Croatia), Dr. Christian Bärlocher (ETH-Zentrum, Zürich, Switzerland), and Dr. Iztok Turel (University of Ljubljana, Slovenia). In addition, 41 scientific communications were presented by the participants.

THE TENTH CROATIAN-SLOVENIAN CRYSTALLOGRAPHIC MEET-ING was held in Lovran, Croatia, from June 21 to 24, 2001. Altogether 58 scientific papers were presented by the crystallographers of both countries and their guests from Austria, Bosnia and Herzegovina, Germany, Italy, Macedonia and Sweden. Four plenary lectures were given by:

- Professor Keith Prout (University of Oxford, United Kingdom), *Molecules in motion: a study in the synergy of X-ray diffraction and solid state NMR;*
- Professor Giuseppe Zanotti (in collaboration with R. Berni) (University of Padua, Italy), *Retinoids in mammals: a crystallographic perspective;*
- Dr. Bostjan Kobe (University of Queensland, Brisbane, Australia), Intramolecular autoregulatory sequencies in proteins;
- Dr. Ognjen Milat (University of Zagreb, Croatia) (in collaboration with G. Calestani, University of Parma, Italy), *Crystallography of composite crystals*.

The following reviews are based upon the first three lectures while the fourth, regrettably, was not submitted for publication.

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