## Preface

The 13th Seminar on Algebra, Logic and Geometry in Informatics (ALGI) took place at Research Institute for Mathematical Sciences, Kyoto University in December 2002. ALGI started on 1995 as a series of seminars on applications of algebra, logic and geometry to informatics, and also applications of informatics to these areas of mathematics.

The meeting consisted of talks by 20 speakers, including invited tutorial talks by Satoko Itaya, Makoto Kikuchi, Misao Nagayama, Hitoshi Ohsaki, Atsushi Shimojima and Alex Simpson. Some talks were given at the joint sessions with the Computability on the Continuum Seminar (CC-Seminar) organized by Mariko Yasugi.

This volume contains 19 articles based on or related to the talks presented at the meeting. The organizers are grateful to the speakers/contributors as well as the participants, and acknowledge the support from Joint Research Service at RIMS.

> ALGI-13 Organizers Hitoshi Furusawa Masahito Hasegawa Yoshiki Kinoshita Izumi Takeuti