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Logic and Its Applications

6th Indian Conference, ICLA 2015
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Proceedings

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Preface

The sixth edition of the Indian Conference on Logic and Its Applications (ICLA) was held during January 8–10, 2015, at the Indian Institute of Technology (IIT) Bombay. This volume contains papers presented at the conference.

ICLA is a biennial conference organized under the aegis of the Association for Logic in India. The aim of ICLA is to bring together researchers working on pure and applied formal logic. Areas covered include relationships between logic and other branches of knowledge, history of logic, and systems of logic in the Indian tradition, especially in relation to modern logical studies.

We thank all who submitted papers to ICLA 2015. The contributions in this volume are on varied themes, including proof theory, set theory, model-checking, reasoning in the presence of uncertainty, and Indian systems. Each submission to ICLA 2015 had at least three reviews by Program Committee (PC) members or external experts. Several rounds of discussion (that included further reviews) by the PC members followed, after which final decisions of acceptance were made. We are immensely grateful to all the PC members for their efforts and support. We thank all the external reviewers for their invaluable help. ICLA 2015 also included three invited talks; we specially thank Steve Awodey, Michael Dunn, and Emmanuel Filiot for kindly accepting our invitation, and writing for the volume.

We used the EasyChair system to the hilt: from the submission stage, to the preparation of the proceedings. It was of great help.

Thanks are due to the Department of Computer Science, IIT Bombay, the Organizing Committee members in particular, and all the volunteers, for making this edition of ICLA possible. Our special thanks go to Ganesh Narwane for ensuring that several organizational issues that threatened to spiral out of control, were eventually tamed in time. We would also like to thank Kamal Lodaya, for helpful suggestions throughout.

We are grateful to the Editorial Board of Springer for agreeing to publish this volume in the LNCS series.

Mohua Banerjee
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