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EIGHTH ASIAN LOGIC CONFERENCE

CO-SPONSORED BY THE ASSOCIATION FOR SYMBOLIC LOGIC

South-West Normal University, Chongqing, China
August 29 – September 2, 2002

The eighth Asian Logic Conference was held at South-West Normal University, Chongqing, China on August 29–September 2, 2002. It was organized by the Mathematical Logic Branch of the Chinese Mathematical Society and the South-West Normal University, and co-sponsored by the Association for Symbolic Logic. This conference was also one of the satellite meetings of the 2002 International Congress of Mathematicians (ICM 2002). The organizing committee gratefully acknowledges the financial support from NSFC (National Science Foundation of China) and the Lee Foundation, Singapore.

The conference covered various areas of logic, as well as areas in computer science, and had 61 participants from 11 countries and regions. There were three one-hour plenary talks and seven 45-minute invited talks.

The following plenary talks were given:

Rod G. Downey (Victoria University of Wellington, New Zealand), *Algorithmic randomness and reducibility*.

Sergei Goncharov (Novosibirsk State University, Russia), *Computable classes and computable models*.

Akihiro Yamamoto (Hokkaido University, Japan), *Some deductive approaches to inductive logic*.

The following invited talks were given:

Robert Goldblatt (Victoria University of Wellington, New Zealand), *Model theory for polynomial coalgebras*.

Masahiro Hamano (School of Information Science, Japan Advanced Institute of Science and Technology), *Full completeness for linear logic*.

Bakhadyr Khoussainov (The University of Auckland, New Zealand), *Games on graphs: complexity, structure, and automata*.

Angsheng Li (Institute of Software, Chinese Academy of Science), *Definability in local Turing degrees*.

Kaile Su (Zhongshan University, China), *Symbolic model checking knowledge of the dinner cryptographers*.

Klaus Weihrauch (University of Hagen, Germany), *Computability in Analysis*.

Yue Yang (National University of Singapore, Singapore), *New Definable Ideals*.

For the Program Committee
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