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Preface

This volume consists of refereed papers accepted for the Symposium "Logical Foundations of Computer Science '94, Logic at St. Petersburg". This is the third symposium in the LFCS series. The first, Logic at Botik took place in 1989. The second, Logic in Tver took place in Sokol, near Tver in 1992. This series of symposia will be a continuing biannual event.

The changing panorama of the post-Cold War world creates unprecedented opportunities for the development of ties between the countries of the former Soviet Union and the West. As the new political picture slowly emerges, all scientists can profit from new opportunities, new contacts, and new scientific challenges. The LFCS series is one of these exciting opportunities. Conceived as a forum for exchange of ideas and a meeting place of scientists from the former Soviet Union and the West, LFCS attracts scientists devoted to Logic in Computer Science. Equally, it is a forum for presentation of the challenges to Logic presented by Computer Science. The interaction of Logic and Computer Science is an especially fertile ground for new ideas. We hope that future Symposia will contribute equally to both science and better mutual understanding.

We want to express our gratitude to the members of international Program Committee which took part in the reviewing process, producing a quality scientific program. The Symposium is sponsored by the European Association of Theoretical Computer Science. We acknowledge financial support of the Mathematical Science Institute (an ARO Center for Excellence), Cornell University, the Steklov Institute of Mathematics, the Russian Academy of Sciences, the Russian Fund for Fundamental Investigations, and the Mathematical Section of the House of Scientists of St. Petersburg.

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April 1994,

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