

Table of Contents

Volume I

Preface	vii
Past Congresses	viii
Past Fields Medalists and Rolf Nevanlinna Prize Winners	ix
Organization of the Congress	xi
The Organizing Committee of the Congress	xiii
List of Donors	xv
Opening Ceremonies	xvii
Closing Ceremonies	xxxii
Scientific Program	xxxvii
Invited One-Hour Addresses at the Plenary Sessions	
Invited Forty-Five Minute Addresses at the Section Meetings	
List of Participants (Ordinary Members)	xlvi
Membership by Country	lxx
The Work of the Fields Medalists and the Rolf Nevanlinna Prize Winner	1
Invited One-Hour Plenary Addresses	29
Invited Forty-Five Minute Addresses at the Section Meetings	267
Section 1. Logic	269
Section 2. Algebra	298
Section 3. Number theory	363
Section 4. Geometry	443
Section 5. Topology	548
Section 6. Algebraic geometry	648
Author Index	716

Volume II

Table of Contents	v
Scientific Program	vii
Invited Forty-Five Minute Addresses at the Section Meetings (cont.) . . .	719
Section 7. Lie groups and representations	721
Section 8. Real and complex analysis	817
Section 9. Operator algebras and functional analysis	922
Section 10. Probability and statistics	980
Section 11. Partial differential equations	1055
Section 12. Ordinary differential equations and dynamical systems	1159
Section 13. Mathematical physics	1238
Section 14. Combinatorics	1333
Section 15. Mathematical aspects of computer science	1395
Section 16. Numerical analysis and scientific computing	1420
Section 17. Applications of mathematics in the sciences	1473
Section 18. Teaching and popularization of mathematics	1546
Section 19. History of mathematics	1568
Author Index	1604