Preface

The Proceedings of the International Congress of Mathematicians 1998, held in Berlin, are published – electronically and in print – in three volumes. Volume I contains information on the organization of the Congress including the list of participants, reports on the opening and closing ceremonies, the Laudationes on the Fields Medalists and the Nevanlinna Prize Winner, and the Plenary Lectures. Volumes II and III contain the Invited Lectures.

For the first time, the Proceedings of an ICM have been produced completely electronically – without any commercial assistance. Using the facilities of Documenta Mathematica, the contents of the Plenary and Invited Lectures were made available without charge on the Internet, already before the Congress started, at http://www.mathematik.uni-bielefeld.de/documenta/.

The printed versions of Volumes II and III were distributed to the participants at the beginning of the Congress. Volume I, containing material which had to be gathered during the Congress, was printed about three months after the Congress.

We want to thank all the speakers and organizers for their cooperation which made such fast publication possible.

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Gerd Fischer
Ulf Rehmann

Past Congresses

1897	Zürich
1900	Paris
1904	Heidelberg
1908	Roma
1912	Cambridge, UK
1920	Strasbourg
1924	Toronto
1928	Bologna
1932	Zürich
1936	Oslo
1950	Cambridge, USA
1954	Amsterdam
1958	Edinburgh
1962	Stockholm
1966	Moskva
1970	Nice
1974	Vancouver
1978	Helsinki
1982	Warszawa (held in 1983)
1986	Berkeley
1990	Kyoto
1994	Zürich

1998 Berlin

Past Fields Medalists and Rolf Nevanlinna Prize Winners

Recipients of Fields Medals

1936	Lars V. Ahlfors Jesse Douglas
1950	Laurent Schwartz Atle Selberg
1954	Kunihiko Kodaira Jean-Pierre Serre
1958	Klaus F. Roth René Thom
1962	Lars Hörmander John W. Milnor
1966	Michael F. Atiyah Paul J. Cohen Alexander Grothendieck Steve Smale
1970	Alan Baker Heisuke Hironaka Sergei P. Novikov John G. Thompson
1974	Enrico Bombieri David B. Mumford
1978	Pierre R. Deligne Charles F. Fefferman Grigorii A. Margulis Daniel G. Quillen
1982	Alain Connes William P. Thurston Shing-Tung Yau
1986	Simon K. Donaldson Gerd Faltings Michael H. Freedman
1990	Vladimir G. Drinfeld Vaughan F. R. Jones Shigefumi Mori Edward Witten
1994	Jean Bourgain Pierre-Louis Lions Jean-Christophe Yoccoz Efim Zelmanov

Rolf Nevanlinna Prize Winners

1982	Robert E. Tarjan
1986	Leslie G. Valiant
1990	Alexander A. Razborov
1994	Avi Wigderson