

Lecture Notes in Mathematics

Edited by A. Dold and B. Eckmann

1389

E. Ballico C. Ciliberto (Eds.)

Algebraic Curves and Projective Geometry

Proceedings of the Conference
held in Trento, Italy, March 21–25, 1988



Springer-Verlag

Berlin Heidelberg New York London Paris Tokyo Hong Kong

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Mathematics Subject Classification (1980): 14H99, 14N05, 14N10, 14J99

ISBN 3-540-51509-7 Springer-Verlag Berlin Heidelberg New York

ISBN 0-387-51509-7 Springer-Verlag New York Berlin Heidelberg

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Printed in Germany

Printing and binding: Druckhaus Beltz, Hemsbach/Bergstr.
2146/3140-543210 – Printed on acid-free paper

PREFACE

The conference on “Algebraic curves and projective geometry” was held in Villa Madruzzo, Cognola (Trento) from March 21 to 25, 1988. The meeting has been sponsored and supported by C.I.R.M. (Centro Internazionale per la Ricerca Matematica, Trento). This volume contains most of the works reported in the formal and informal lectures at the conference. The main topics of the volume are geometry of projective curves and moduli, enumerative and projective geometry, homological algebra and arithmetic surfaces.

We liked the idea of inserting at the end of this volume a list of problems and questions; most of them were asked and discussed during the conference. We collected this list mentioning the proposers of the questions and a few related references. We believe that publishing such lists may be a very useful contribution to the mathematical life, and hope this will be done more often.

We are very grateful to all participants for their enthusiasm, to the contributors of this volume for their efforts, to the referees for their precious help, and to the CIRM for the organization of the meeting and the assistance in editing this volume.

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