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# Complex and Symplectic Geometry

 Springer

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ISSN 2281-518X

Springer INdAM Series

ISBN 978-3-319-62913-1

DOI 10.1007/978-3-319-62914-8

ISSN 2281-5198 (electronic)

ISBN 978-3-319-62914-8 (eBook)

Library of Congress Control Number: 2017954886

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Printed on acid-free paper

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The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

# Preface

This volume, which brings together state-of-the-art contributions from a range of experts, is based on the INdAM Meeting “Complex and Symplectic Geometry”, held in Cortona from June 12 to 18, 2016 and organized by Daniele Angella, Paolo de Bartolomeis, Costantino Medori, and Adriano Tomassini. A wide variety of research topics of current interest in differential and algebraic geometry are covered in the volume; however, the focus is particularly on complex and symplectic geometry and their cohomological and topological aspects; on complex analysis and related topics, such as Cauchy-Riemann manifolds, Oka theory, and pluripotential theory; on algebraic and complex surfaces; on Kähler geometry; and on special metrics on complex manifolds. The final outcome is a challenging panoramic view of problems connecting a wide area. There is no doubt that the conference encouraged a very fruitful exchange of ideas and initiated important collaborations among the participants.

During the preparation of this volume, our friend Paolo de Bartolomeis sadly passed away. We would like to dedicate this volume to him. All participants at the conference and numerous other mathematicians have had the privilege of spending time and interacting with Paolo. We will all miss him greatly.

Firenze, Italy  
Parma, Italy  
Parma, Italy  
June 2017

Daniele Angella  
Costantino Medori  
Adriano Tomassini

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