

Preface

Since the appearance of extremal rays and the minimal model program around 1980, we have seen the tremendous development of algebraic geometry. With this in mind, the conference “Minimal Models and Extremal Rays” was held at RIMS Kyoto University during June 20–24 as an activity of one of two RIMS International Project Researches in 2011. Our purpose was to review the past, examine the present and enjoy discussing the future. This volume is the outcome of this conference and consists of one survey article on the mathematical work of Professor Shigefumi Mori, who turned sixty in 2011, and thirteen research papers, which were rigorously refereed. We would like to thank all the referees for their contribution to this volume.

March 2015

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*All papers in this volume have been refereed and are in final form.
No version of any of them will be submitted for publication elsewhere.*

This volume is respectfully dedicated to
Prof. Shigefumi Mori
on his sixtieth birthday in 2011
from all of us who owe so much to him
through both his works and personal guidance.