

Preface

This volume consists of articles by speakers at the 2014 Conference on Geometry and Topology held at Harvard University.

These include: Camillo De Lellis, on the size of the singular set of area-minimizing currents; Simon Donaldson, on Kähler-Einstein metrics and algebraic structures on limit spaces; Mark Gross, on theta functions and mirror symmetry; Nigel Hitchin, on Higgs bundles and diffeomorphism groups; Fernando Marques, on topology of the space of cycles and existence of minimal varieties; William Meeks, on constant mean curvature surfaces; Richard Thomas, on the proof of the KKV conjecture; Claire Voisin, on stable birational invariants and the Luroth problem; and Mu-Tao Wang, on energy, momentum, and center of mass in general relativity.

We are very grateful to the many distinguished geometers who presented wonderful talks at the conference, and especially to those who contributed articles to this volume of the *Surveys in Differential Geometry* book series.

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