

PREFACE

The conference *Convex and Fractal Geometry* was held at the Stefan Banach International Mathematical Center at Będlewo, May 21–26, 2007. The idea of organizing such a conference had its roots in various collaborations between the organizers. We have realized that these branches of geometry have nonempty intersection, both applying methods from topology and measure theory. We have also realized that a significant number of geometers might be interested in both areas. The Scientific Council of the Banach Center was kind enough to make the facilities of the Mathematical Research and Conference Center available to us.

The conference was, we think, successful. Participants had an opportunity to learn about both themes of the conference; there was something new for everybody. New developments in both areas, and connections between them, were worked out also informally during the week.

This volume contains twelve papers related to the talks delivered at that conference. Some adhere fairly closely to the contents of the talks as they were given; others include significant extensions of the original presentations. The first four papers in the volume are surveys; the others deal with more specific problems in the geometry of fractals or of convex sets. At the end, we present a collection of open problems raised by the participants in the Problem Session.

The Editors

