

Preface

The first conference of the series “Fractal Geometry and Stochastics,” which took place in 1994, was the first meeting in Europe devoted to the mathematics of fractals. Since then, fractal structures and techniques have become well-established in many fields of mathematics, and conferences in the area have been organized in many countries. Held every 4 or 5 years, “Fractal Geometry and Stochastics” has continued to be a leading meeting in the field, gathering together the world’s experts to discuss current developments, new trends, and open problems. For each of these conferences, the main contributions have been published by Birkhaeuser in their series *Progress in Probability*.

“Fractal Geometry and Stochastics V,” with 123 participants from 23 countries, took place in Tabarz, Thuringia, Germany, from March 24 to 29, 2014. As in the previous meetings, we followed the principle of inviting representatives of very active areas of research, including new, young, and promising researchers. The main speakers were asked to write contributions for this volume. Most of them are nice introductions to the subjects, in the form of surveys with selected proofs. Some papers contain interesting original results. The volume is aimed both at newcomers in the field and to specialists.

We express our gratitude to the Deutsche Forschungsgemeinschaft for their financial support without which our conferences could not have been organized. We also thank a number of referees for their help in preparing this volume.

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Fractal Geometry and Stochastics V

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2015, X, 340 p. 52 illus., 21 illus. in color., Hardcover

ISBN: 978-3-319-18659-7

A product of Birkhäuser Basel