These are the proceedings of the eleventh edition of the Traffic and Granular Flow conference, held from 28 to 30 October 2015 in the Netherlands. This edition of this worldwide biannual conference is organised by the Delft University of Technology, where it returns after 12 years. What started as a one-time event in 1995 has grown in 20 years to a conference series with a very good scientific reputation.

The conference is known for facilitating links between various disciplines. In this edition, we had among other things contributions on pedestrian flow, vehicular flow, granular flow, and biological flow. The proceedings provide a concise overview of the most important developments in this field over the past two years. It consists of 79 high-quality papers; contributions come from over 30 countries, spread over all continents. We believe this book presents recent innovative insights and provides a long-term reference for scientific work.

We are grateful for the financial support given by the Transport Institute of the Delft University of Technology. Moreover, organising this conference would not have been possible without the help of many colleagues. For help in preparing the conference, we would like to mention Nicole Fontein, Priscilla Hanselaar, Jeanette van Leeuwen, Julia Barelds, Ilse Galama and Fieke Beemster. In the preparation of the proceedings, we value the help of Tjeerd Oudkerk. Also, the help of the international scientific committee in assessing the abstracts is highly acknowledged, as well as the assistance of the previous organisers.

Shortly before the conference, Matthias Craesmeyer has deceased. This is a great loss for the field, which has lost a talented young scholar.

We are happy to contribute to the tradition of Springer proceedings of the Traffic and Granular Flow conference, and are looking forward to the next edition, organised in 2017 by Samer Hamdar in Washington DC.

Delft
February 2016

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Traffic and Granular Flow '15
Knoop, V.L.; Daamen, W. (Eds.)
2016, XV, 639 p. 362 illus., 289 illus. in color.,
Hardcover
ISBN: 978-3-319-33481-3