

## Foreword by the Author

The origin of this book goes back about 10 years ago when I started delivering the lecture “Braking Legislation for Road Vehicles” during the annual University of Bradford „Braking of Road Vehicles“ course for professional engineers. The first edition of this book under the title „Braking Legislation for Road Vehicles“ was published in 2016 by the University of Bradford (edited by Dr David Bryant).

My aim was to show how type-approval and braking legislation are embedded in different regulatory frameworks (EU/Brussels and UN/Geneva). The hierarchic and systematic relations between these legal spheres are quite complex: different validity dates, exceptions and amendments on the one hand, and lots of institutions, organisations, and authorities on the other make the full comprehension and understanding of the topic and its various issues very difficult.

The book aims to shed light on these problems and provide a comprehensive overview of all the different aspects related to European Type Approval Regulation, with the emphasis on braking regulations and the currently much discussed subject of “Automated/Autonomous and Connected Vehicles”.

Due to new developments and also new European and international regulatory publications, this second edition has been enlarged and updated – importantly an overview of the new Regulation (EU) 2018/858 has been incorporated into the book.

I thank Dr David Bryant very much for his valuable help in editing the script of this book.

I would also like to thank Kirschbaum Verlag for their reliable support and the arrangement of layout, design, and printing

Winfried Gaupp

Hattingen, Germany – July 2019