

# Preface

The International Elevator and Escalator Symposium (IEES) is organized by Liftinstituut Solutions B.V. and Elevator World Inc., fully independent, well-known institutions that have many years of experience in the lift market.

The inaugural IEES event was held in Istanbul on November 15-16, 2018. Professionals from the elevator and escalator industry, architects, developers and owners were invited to attend the program, which explored the topics of *Safety in Vertical Transportation and New Technologies*. Presentations were delivered by 20 international experts over the course of the two-day event, which ensured a platform for gaining knowledge and meeting with professionals. This book contains the full papers delivered during the symposium, in the order in which they were presented. Additionally, IEES offered technology companies the opportunity to showcase their new projects and product details in an expo setting.

The IEES will be an annual event held in a different country each year, always presented in the English language. The second annual IEES event is planned for November 2019 in Las Vegas, Nevada, U.S.A.

The IEES is proud to donate a portion of the proceeds from this event to the Elevator Escalator Safety Foundation (EESF), the leading resource for educational programs that teach children and adults how to properly ride elevators, escalators and moving walks. EESF is a nonprofit organization founded in 1989 in the United States by the National Elevator Industry, Inc. (NEII®), the National Association of Elevator Contractors (NAEC), NAESA International and Elevator World, Inc. For more information on this organization and its programs, please visit [www.eesf.org](http://www.eesf.org).

Organizing companies Elevator World Inc. and Liftinstituut Solutions B.V. are longtime industry advocates. Elevator World has been the voice for the international building transportation industry since 1953. Readers and advertisers are dedicated to Elevator World's network of magazines and websites because they are considered the most credible sources of industry news and information, covering all corners of the "elevator world". The most well-respected professionals in the industry help write, review and influence Elevator World publications, providing readers with news and market information they can trust.

The independent and highly skilled consultants at Liftinstituut Solutions B.V. work hard every day to make sure millions of people around the world can use vertical transportation safely, comfortably, and without any problems. Motivated by safety and a passion for technology, Liftinstituut helps building managers and owners, as well as producers worldwide, to make the right decisions on construction, maintenance and modernization. Its focus is not only on the installation, but also on its environment.