The Road Safety and Simulation (RSS) conference series is a bi-annual event for researchers and professionals to share their expertise and latest insights in the field of road safety and simulation. The 2017 RSS conference is hosted by Delft University of Technology, and organized in collaboration with the Dutch Institute for Road Safety Research (SWOV).

* 3 Keynote presentations
  - Professor Anna Nilsson-Ehle (Director at Safer at Chalmers University, Sweden)
  - Professor Linda Boyle (Chair at University of Washington, USA),
  - Pieter Litjens (Deputy Major for Traffic and Transport of Amsterdam, Netherlands)

* Around 400 conference contributions by authors from 54 countries and 6 continents
* Attracting hundreds of international professionals from research institutes, universities, government, stakeholders, commercial partners.

The conference special theme focuses on advancing the safety of all road users with special attention for vulnerable road users. Especially, in the upcoming era of advanced technologies and vehicle automation new safety challenges have emerged. The road infrastructure design plays a critical role in accommodating these challenges.