

## **KEYNOTE SPEAKERS:**

**Magnus Hellsten**  
**Senior Vice President, Manufacturing**  
**Volvo Car Corporation**  
**Göteborg, Sweden**



Magnus Hellsten has been in the automotive business for more than 25 years. He has held a number of different management positions within manufacturing at Volvo Cars. His experience includes manufacturing engineering, quality and responsibility of total production for vehicle operations as well as components.

He was site manager running Volvo Cars assembly plant in Bangkok Thailand for four years. Magnus Hellsten is member of the board in two of Volvo Cars' joint venture companies Getrag All Wheel drive AB (centre of excellence AWD) in Köping and Pininfarina Sverige AB in Uddevalla (production of Volvo C70).

Magnus Hellsten has managed many different situations like major process and product changes. To mention a few; the production ending of the Volvo 240, the introduction of Volvo 850 at the Torslanda plant and the move of the gearbox production from Köping, Sweden to Cologne, Germany.

**Lotta Jakobsson, Ph.D.**  
**Technical Leader, Biomechanics, Injury & Accident Prevention**  
**Volvo Cars Safety Centre**  
**Göteborg, Sweden**



With her 17 years of experience in car safety research and development at Volvo Cars, Lotta is one of Volvo Cars' prime spoke persons for the Volvo Cars brand core value Safety. Holding a Master of Science in Mechanical Engineering, a PhD in Traffic Safety and appointed Associated Professor in Traffic Safety at Chalmers University of Technology, she has contributed in the development of the safety of new Volvo cars introduced the last decade; including world-first systems such as side airbags and whiplash protection systems. Especially in the area of whiplash injuries and child safety, Lotta is an internationally known and acknowledged researcher on the scientific arena. She has been the driving force and is one of the creators behind Volvo's Whiplash Protection System, WHIPS, as well as the Biofidelic Rear Impact Dummy, BioRID. Since 2007, she is the chairperson of ISO working group on Child restraint systems (in road vehicles). As the co-ordinator of SAFER's (Vehicle and Traffic Safety Centre at Chalmers) reference group "in-crash" and part of SAFER's management team she drives and contributes to the development of competence platforms in the area of protection and modeling of humans in traffic safety. As a technical specialist at Volvo Cars, her role is to safeguard and understand the safety needs and vulnerability of all types of car occupants and road users, for which virtual human models are important tools.