

19th Transport Safety Lecture

Artificial Intelligence: The consequences for society and transport safety

Prof. Dr. Gusz Eiben

VU University Amsterdam

Thursday September 21st 2017
Pulchri Studio, Lange Voorhout 15,
2514EA The Hague, The Netherlands

15.45 – 19.00 hours

Introduction

The European Transport Safety Council (ETSC) warmly invites you to the 19th European Transport Safety Lecture on the 21 of September. This year the European Transport Safety lecture will address artificial intelligence and related future developments. Professor dr. A. E. (Gusz) Eiben will give an insight in technological developments in the field of artificial intelligence and the effects on our society and transport safety. There will be an opportunity for questions and discussion directly after the presentation. The 2017 edition will be hosted by the Dutch Safety Board.

Program

15:45 – 16:30	Registration with coffee and tea
16.30	Word of Welcome and introduction by Mr. Tjibbe Joustra, Chairman of the Dutch Safety Board and Board Member of ETSC .
16.45 – 17.30	Artificial Intelligence, The Consequences for society and transport safety' Lecture by Professor dr. A.E. (Gusz) Eiben
17.30 – 17.45	Questions and Discussion.
17.45 – 18.00	Closing remarks by Professor Herman de Croo, Chairman of ETSC, Minister of State and member of Parliament in Belgium.
18.00 – 19.00	Drinks and refreshments will be served in the new building of the Dutch Safety Board at Lange Voorhout 9 in the Hague (2 minutes from Pulchri Studio).

Registration to the event

Participation is free but places are limited. To register please send an email to ETSC-lecture-2017@safetyboard.nl by 10 September 2017 at the latest. If you already registered prior to this invitation, renewed registration is not necessary.

Location

Pulchri Studio
Lange Voorhout 15
2514 EA, The Hague
The Netherlands

Public transport

Pulchri Studio is a 15 minute walk from the Hague Central Station.

By car

There is a limited parking outside of Pulchri Studio, you can park your car at the Interparking Museum Quarter (Museumkwartier) around the corner.



About the ETSC

The ETSC is a Brussels-based independent non-profit making organisation dedicated to reducing the numbers of deaths and injuries in transport in Europe. Founded in 1993, the ETSC provides an impartial source of expert advice on transport safety matters to the European Commission, the European Parliament, and Member States. It maintains its independence through funding from a variety of sources including membership subscriptions, the European Commission, and public and private sector support for various activities.

About the Dutch Safety Board

The Safety Board's aim is the improvement of safety in the Netherlands. Its main focus is those situations in which civilians are dependent on the government, companies or organisations for their safety. The Board solely investigates when incidents or accidents occur and aims to draw lessons from the results of these investigations.

About Professor dr. A.E. (Gusz) Eiben

Mister A.E. (Gusz) Eiben is full professor of Artificial Intelligence on the VU University Amsterdam and visiting professor at the University of York, UK. His research ambition is to achieve artificial intelligence through artificial evolution. He is an expert in evolutionary computing in general and evolutionary robotics in particular.



Gusz Eiben was born in Budapest, Hungary. He studied mathematics at the ELTE University of Budapest (MSc degree in Mathematics 1985). For his PhD he went to the Netherlands (PhD degree in Computer Science, Eindhoven University of Technology, 1991), where he learned about Genetic Algorithms (GAs). He started to work with GAs as one of the European early birds, publishing a theoretical paper about GA convergence in 1990.

Later on he turned to experimental work and studied various aspects of Evolutionary Algorithms(EAs) - a more general class of algorithms where GAs are just one subtype. Research subjects he studied extensively include: multi-parent crossover operators, constraint satisfaction, off-line parameter tuning and on-line parameter control of EAs, evolutionary art, and Artificial Life / Evolutionary Robotics.