



INVITATION
**Meaningful Human Control
over Intelligent Machines
Workshop**
Delft, September 12-13, 2019

We are pleased to invite you to the workshop
“Meaningful Human Control over Intelligent Machines”.

The workshop, to be held in Delft on September 12-13, is organized by researchers of the TU Delft-based NWO-funded project Meaningful Human Control over Automated Driving Systems (Bart van Arem, Giulio Mecacci, Filippo Santoni de Sio) and by two experts in philosophical and legal aspects of autonomous systems (respectively: Guglielmo Tamburrini, University of Naples Federico II, and Daniele Amoroso, University of Cagliari). The event is sponsored by "TU Delft Transport Institute", "TU Delft Design for Values Institute" and "TU Delft Robotics Institute".

Outcomes of this workshop will be: the creation of a world-leading interdisciplinary network of experts on the topic of meaningful human control over autonomous systems, a special issue of an academic journal with meaningful human control as a topic, a public report on the preliminary findings of the workshop and the agenda for future research, a European level grant proposal in the study and application of meaningful human control.

The workshop is divided into four consecutive plenary panels. Three thematic panels will zoom in on the selected case studies (Autonomous Weapon Systems, Autonomous Vehicles, surgical robots); each of the panels will include researchers, policy experts, and users as speakers; a converging panel will then wrap up the discussion and prepare the ground for the final deliverables. Two keynote speakers will give a short talk for each of the three thematic panels.

Workshop attendance will be restricted to 30 invited participants. This is meant to facilitate effective discussion and fruitful interaction. Given the sensible nature of the topics and the institutional roles of some of the attendees, we will adopt the Chatham House Rule, according to which information disclosed during the workshop may be reported by those present, but the source of that information may not be explicitly or implicitly identified.

We offer you a two-nights stay in Delft, food, and refreshments during the workshop and a social dinner. If travel reimbursement is a necessary condition for participation, please let us know as soon as possible, together with an estimate of the costs, and we will check if extraordinary funds are available.

For any question or doubt about practical and organisational matters, feel free to contact our event manager at blueboxevents@tudelft.nl

Provisional program (might be subject to small adjustments)

<i>Day 1</i>	
10.00 – 10.30	welcome coffee
10.30 – 12.30	panel 1 (Autonomous Weapon Systems). Chair: Daniele Amoroso . Keynote speakers: Thompson Chengeta, Noel Sharkey ; designated respondents: Martijn Hädicke, Frank Sauer, Thomas Burri
12.30 – 14.00	lunch
14.00 – 16.00	Panel 2 (Surgical robots). Chair: Guglielmo Tamburrini . Keynote speakers: Bruno Siciliano, t.b.a. ; designated respondents: Fanny Ficuciello, Susanne Beck, Ezio di Nucci
18.00	social dinner

<i>Day 2</i>	
9.30 – 10.00	Coffee
10.00 – 12.00	panel 3 (Autonomous Vehicles). Chair: Bart van Arem . Keynote speakers: Luciana Iorio, Frank Flemisch ; designated respondents: David Abbink, John Danaher
12.00 – 13.30	Lunch
13.30 – 15.00	Convergence panel 1 st part. Chair: Filippo Santoni de Sio
15.00 – 15.30	Coffee
15.30 – 17.00	Convergence panel 2 nd half. Chair: Giulio Mecacci
17.00	Final drinks