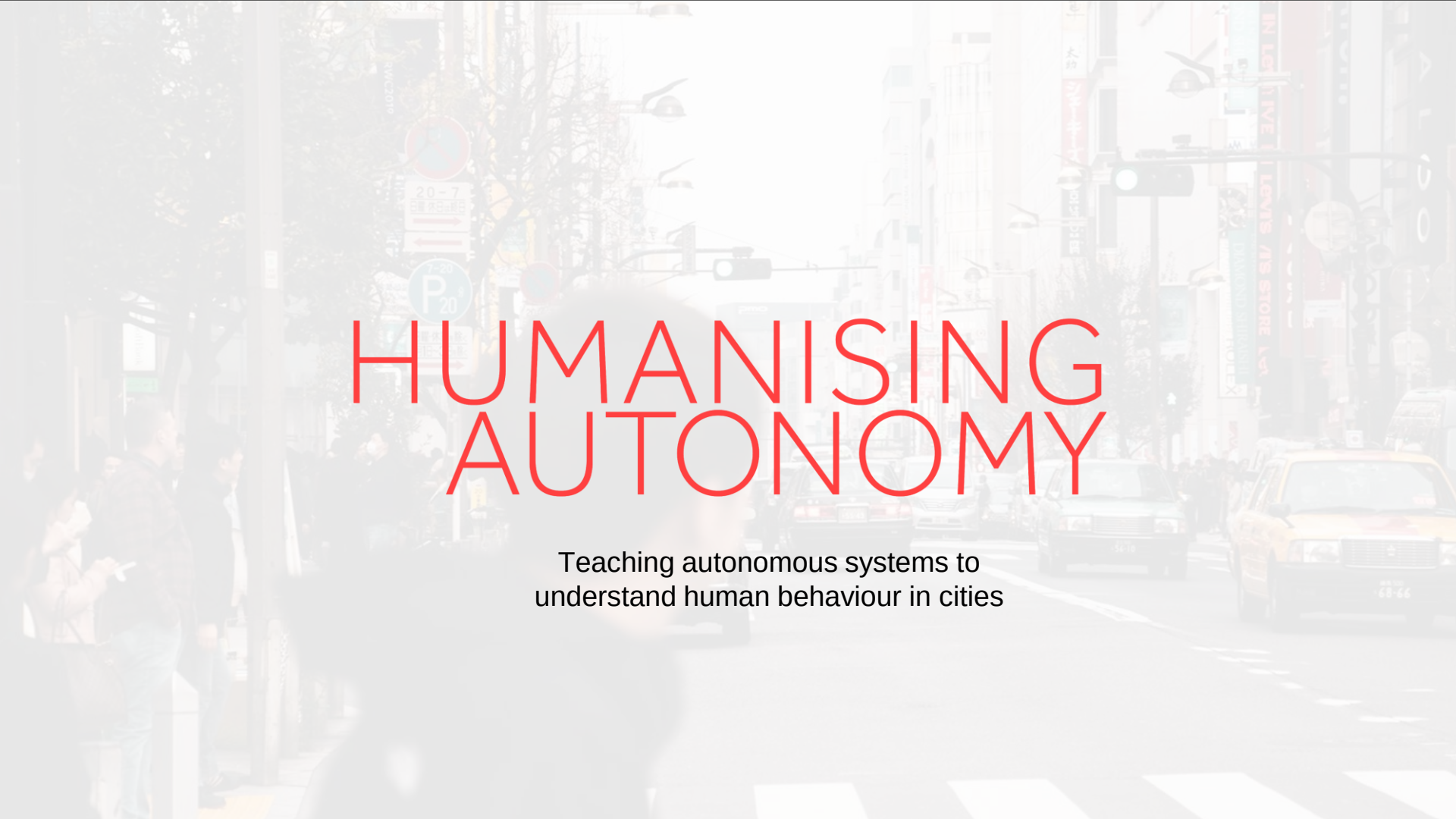


HUMANISING AUTONOMY

Teaching autonomous systems to
understand human behaviour in cities

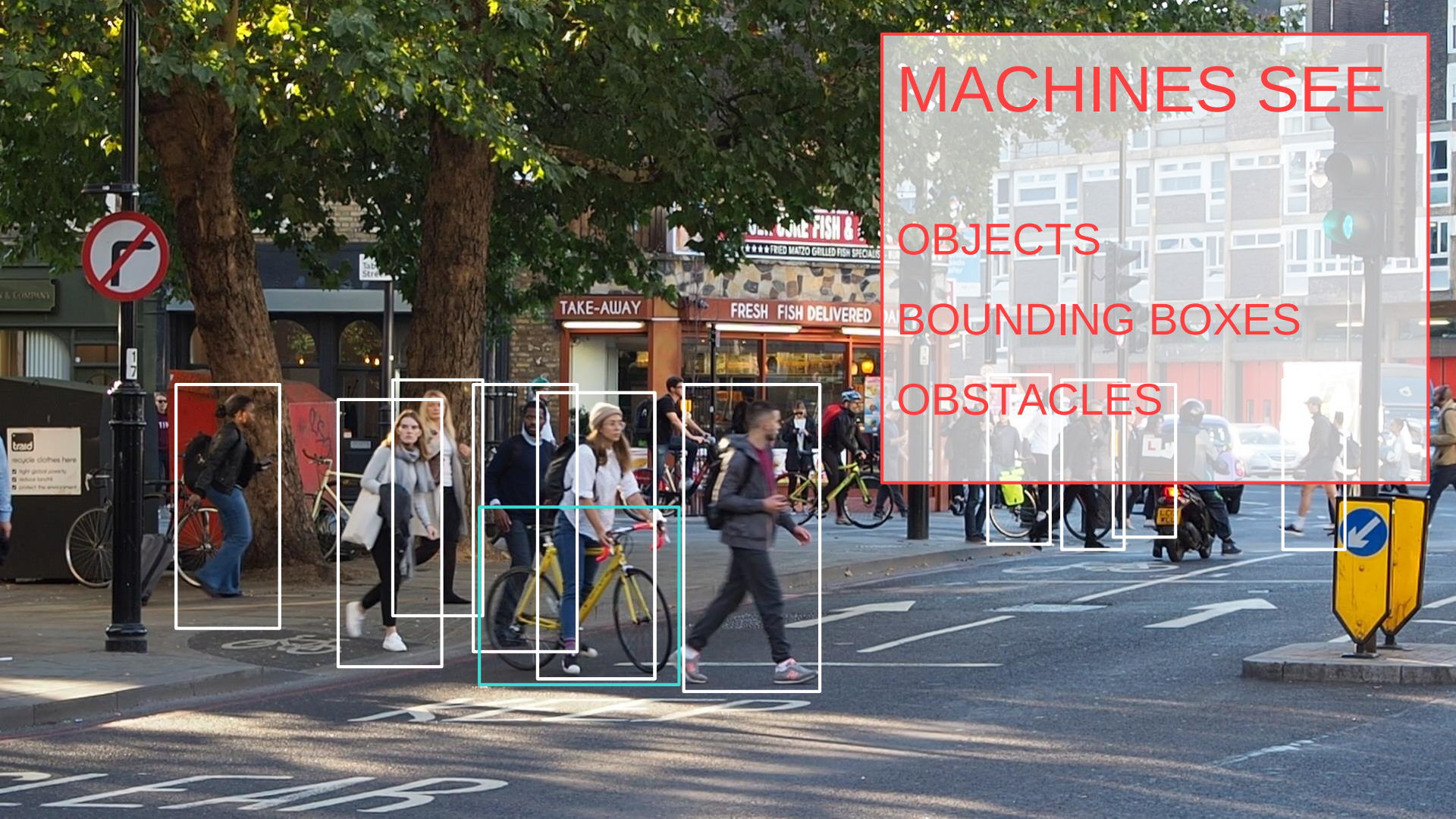
TAKE-AWAY
FRESH FISH DELIVERED

HUMANS SEE

CONTEXT

DIVERSITY

SUBTLE BEHAVIOURS


MACHINES SEE
OBJECTS
BOUNDING BOXES
OBSTACLES
TAKE-AWAY
FRESH FISH DELIVERED

LACK OF HUMAN UNDERSTANDING PREVENTS AUTONOMOUS VEHICLE DEPLOYMENT

TAKE-AWAY
FRESH FISH DELIVERED

150

Humanising Autonomy

15

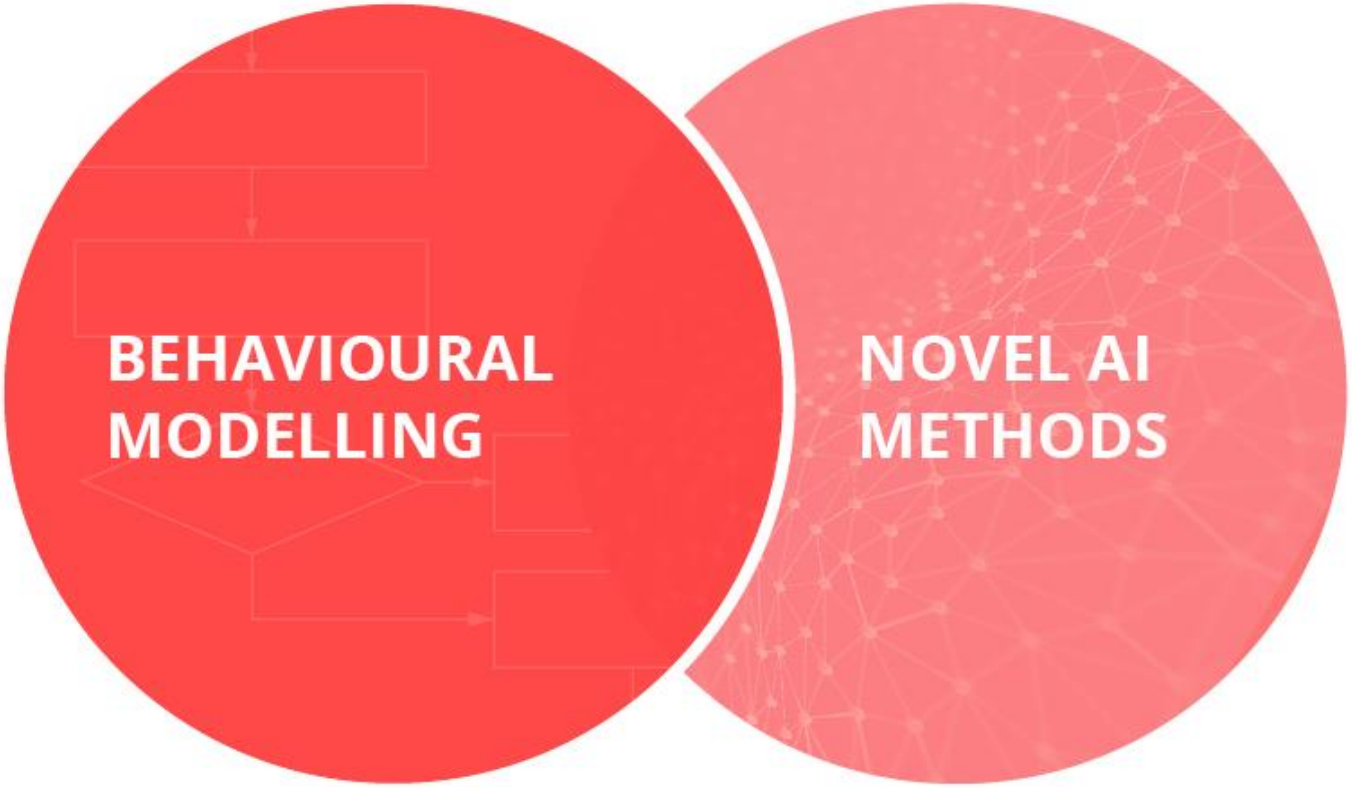
State of the art

HUMANISING AUTONOMY ENABLES SAFER AND MORE EFFICIENT URBAN DRIVING

WAYMO
TOYOTA
DB
APTIV
easy MILE
navya
UBER
lyft
cruise
ZOOX
Ford
GM
BMW
TESLA
VOLVO
SIEMENS
DAIMLER
AIRBUS
BOSCH

EXTREME SCENARIO

EXTREME SCENARIO

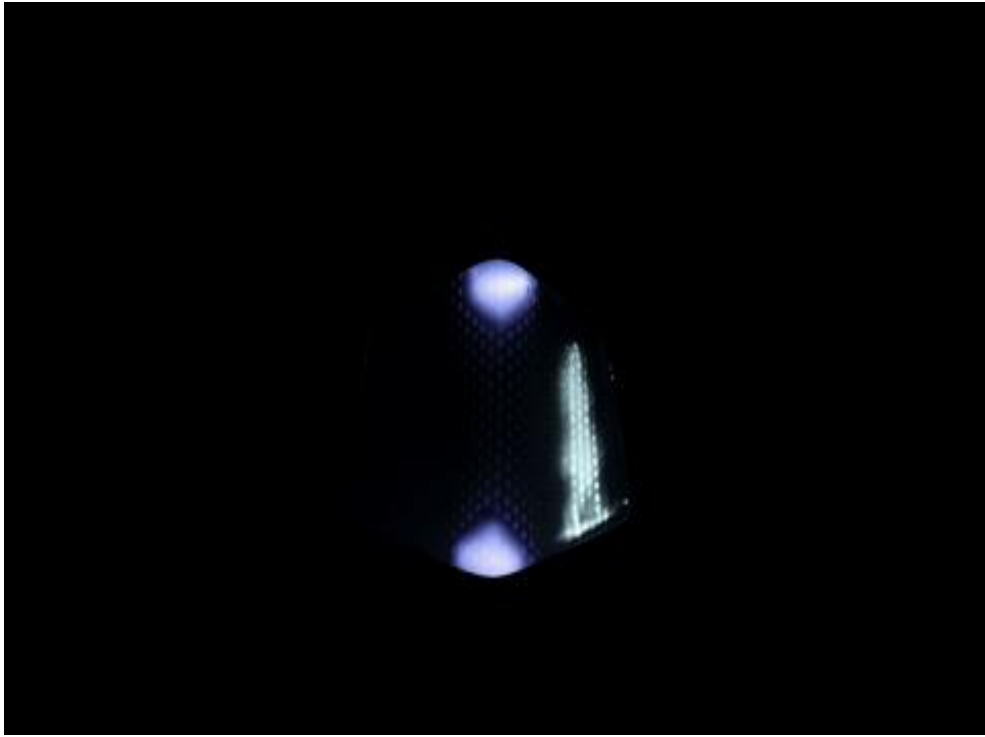

BEHAVIOURAL
MODELLING
NOVEL AI
METHODS

ENABLING URBAN MOBILITY TODAY
DAIMLER
AIRBUS
KYOCERA
TheRide

AUTONOMOUS VEHICLES

2016/17

STARTS Prize Honorary Mention



Two way communication between Autonomous vehicles and people

Waiting for
You to Cross

HUMANISING AUTONOMY

hello@humanisingautonomy.com