

## Modelling and Policy Analysis Tools to Explore the Future of Autonomous and Connected Transport (ACT)

WISE-ACT Training School 2019

26<sup>th</sup> – 28<sup>th</sup> March 2019

Haifa, Israel

### PROGRAMME (TBC)

Day 1 – Tuesday 26<sup>th</sup> March 2019

09:00 – 09:10	Registration
09:10 – 09:20	Welcome – <i>Prof. Yoram Shiftan</i>
09:20 – 09:30	Overview – <i>Dr Nikolas Thomopoulos</i>
09:30 – 10:20	<b>Lecture 1:</b> Contemporary ACT forecasting challenges – <i>Prof. Kostadinos Goulias</i>
10:20 – 10:30	Q&A
10:30 – 11:00	Coffee/Tea Break
11:00 – 11:50	<b>Lecture 2:</b> Challenges of developing ACT scenarios – <i>Prof. Costas Antoniou</i>
11:50 – 12:00	Q&A
12:00 – 12:50	<b>Lecture 3:</b> ACT and e-commerce – <i>Prof. Amalia Polydoropoulou</i>
12:50 – 13:00	Q&A
13:00 – 14:00	Lunch
14:00 – 14:50	<b>Lecture 4:</b> ACT within Israel strategic plans – <i>Dr Nir Sharav</i>
14:50 – 15:00	Q&A
15:00 – 16:00	<b>Group work:</b> Task outline & Topic descriptions – <i>Dr Nikolas Thomopoulos</i>
16:00 – 16:15	Coffee/Tea Break
16:15 – 18:00	<b>Group work:</b> Group formation & Topic selection – <i>All Trainers</i>
19:30	Training School Dinner

Day 2 – Wednesday 27<sup>th</sup> March 2019

09:00 – 09:50	<b>Lecture 5:</b> Promoting inclusive accessibility through ACT – <i>Dr Karel Martens</i>
09:50 – 10:00	Q&A
10:00 – 10:50	<b>Lecture 6:</b> Formulating ACT policies – <i>Suzanne Hoadley, POLIS</i>
10:50 – 11:00	Q&A
11:00 – 11:15	Coffee/Tea Break

11:15 – 12:15	ACT tools: Gaming based ACT education – <i>Dr Eran Ben Elia</i>
12:15 – 13:15	ACT tools: Using lab tools for ACT – <i>Dr Jack Hadad, Technion AV Lab</i>
13:15 – 14:15	Lunch
14:15 – 18:00	Group work: Working on group challenge I – <i>All Trainers</i>

### Day 3 – Thursday 28th March 2019

Q&A to industry experts

09:00 – 10:00	<b>Group work:</b> Working on group challenge II
10:00 – 10:15	Practitioner session introduction – <i>Prof. Yoram Shifan</i>
10:15 – 10:45	<b>ACT tools:</b> A view from the industry – <i>Waze expert</i>
10:45 – 11:15	<b>ACT tools:</b> A view from the industry – <i>Via expert</i>
11:15 – 11:45	<b>ACT tools:</b> Using MATSim for ACT – <i>Prof. Kay Axhausen</i>
11:45 – 12:00	Coffee/Tea break
12:00 – 12:30	<b>ACT tools:</b> A policy view – <i>TBC</i>
12:30 – 13:15	<b>Lecture 7:</b> Where does the industry take us? – <i>Prof. Kay Axhausen</i>
13:15 – 14:15	Lunch
14:15 – 15:15	<b>Group work:</b> Working on group challenge III
15:15 – 15:30	Coffee/tea break
15:30 – 17:00	<b>Group work:</b> Plenary presentations
17:00 – 18:00	Panel discussion and prize winners – <i>Dr Nikolas Thomopoulos</i>
18:00	Close of Training School – <i>Prof. Yoram Shifan</i>

### Group work:

Training School participants will be asked to form small groups and select a topic on which to focus throughout the Training School. Sample topics offered may include the following:

- ACT demand scenario of Israel – *Prof. Yoram Shifan, Dr Nir Sharav*
- Utopian city in the ACT era – *Dr Pnina Plaut, Dr Oded Kutok*
- Social and equity analysis of ACT – *Dr Karel Martens, Dr Floridea di Ciommo*
- Delivering goods through ACT – *Prof. Amalia Polydoropoulou, Joao Abreu*
- Designing ACT surveys – *Prof. Cristina Pronello*
- Business and legal challenges of ACT – *Dr Nikolas Thomopoulos, Dr Fererico Costantini*

Trainers will join each group to provide advice and monitor progress.

## Arrival & Departure information

This WISE-ACT Training School will take place at the **Grand Water Research Institute**, Faculty of Civil and Environmental Engineering of the Technion – Israel Institute of Technology in the city of Haifa, Israel.

Participants arriving from abroad can fly to Ben Gurion airport in Tel Aviv. Participants who need a visa should make their own arrangements and contact the Local Organiser by e-mail if an invitation letter is needed. There is a rail link from Tel Aviv to Haifa. From the rail station in Haifa it is a short taxi ride to the Technion. Interested participants may arrange to travel in small groups from Tel Aviv to the Technion by taxi. Public transport information is available at: <http://int.technion.ac.il/visit-technion/>

Note please that from Friday afternoon until Saturday evening it is the weekend in Israel, so public transport is limited and infrequent. A suggested option to depart from the Technion during that period is to arrange taxi rides to Tel Aviv in small groups. The Local Organiser may be able to assist with this if notified by 26<sup>th</sup> March.

## Accommodation recommendations

### Bay View Hotel

Single room from \$120 a night (+\$25 for an extra person). Breakfast, Gym and Wi-Fi included.

To benefit by these rates, the hotel should be contacted at [business@hiil.co.il](mailto:business@hiil.co.il) and notified that you are a **participant of the Technion Training School**.

### Dan Hotels

Use the **Promo Code: WISE-2019** for reservations at Dan Hotels.

Including breakfast, business launch entrance and Wi-Fi:

Dan Carmel	
Room type	Single
Deluxe Carmel & Sea View	<b>\$220</b>
Deluxe Bay View	<b>\$240</b>
Executive Bay View	<b>\$270</b>

Extra Person: + \$45

<https://www3.danhotels.com/Booking/SearchResults?Lang=eng&SelectedHotelID=10126&ListHotelIds=10126&com=box&PromoCode=WISE-2019&editMode=true&fr=htl&tll=ChooseYourRoom>

Dan Panorama	
Room type	Single
Superior	\$150
Executive room	\$170

Extra person +\$35

<https://www3.danhotels.com/Booking/SearchResults?Lang=eng&SelectedHotelID=10127&ListHotelIds=10127&com=box&PromoCode=WISE-2019&editMode=true&fr=htl&ttl=ChooseYourRoom>

## Campus map

<https://www.technion.ac.il/en/about/map-of-technion-city>

## Site visit

An optional site visit is planned by the Local Organiser for Friday 29<sup>th</sup> March 2019. Details will be announced before the Training School, so that interested participants can confirm their attendance in advance.

## Practicalities

WISE-ACT grants to cover part of travel and accommodation expenses are offered through the COST Association to selected participants according to the COST regulations and objectives.

All participants need to sign the official COST attendance sheet each day. Grant reimbursements will be according to COST regulations based on attendance.

## Local Organizing Committee

Chair: Yoram Shiftan, Technion

Karel Martens, Technion

Pnina Plaut, Technion

Moshe Givoni, Tel-Aviv University

Eran Ben-Elia, Ben Gurion University

Sigal Kaplan, Hebrew University of Jerusalem

## Contact details

For any queries, please contact us at [info@wise-act.eu](mailto:info@wise-act.eu) and [benzishelly@gmail.com](mailto:benzishelly@gmail.com)