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

WISE-ACT Training School 2019

26th – 28th March 2019

Haifa, Israel

PROGRAMME

Day 1 – Tuesday 26th March 2019

08:45 – 09:00	Registration
09:00 – 09:10	Opening – *Prof . Yoram Shiftan*
09:10 – 09:20	Welcome – *Mr David Etzioni, Deputy Mayor, Haifa Municipality*
09:20 – 09:30	Overview – *Dr Nikolas Thomopoulos*
09:30 – 10:20	**Lecture 1:** Contemporary ACT forecasting challenges – *Prof. Kostadinos Goulias*
10:20 – 10:30	Q&A
10:30 – 11:00	Coffee/Tea Break
11:00 – 11:50	**Lecture 2:** Challenges of developing ACT scenarios – *Prof.Costas Antoniou*
11:50 – 12:00	Q&A
12:00 – 12:50	**Lecture 3:** AVs and e-commerce – *Prof.Amalia Polydoropoulou*
12:50 – 13:00	Q&A
13:00 – 14:00	Lunch
14:00 – 14:50	**Lecture 4:** ACT within Israel strategic plans – *Dr Nir Sharav*
14:50 – 15:00	Q&A
15:00 – 16:00	**Group work:** Task outline & Topic descriptions – *Dr Nikolas Thomopoulos*
16:00 – 16:15	Coffee/Tea Break
16:15 – 17:00	**Group work:** Group formation & Topic selection – *All Trainers*
17:00 – 18:00	**Group work:** Working on group challenge I – *All Trainers*
19:00	Training School Dinner

Day 2 – Wednesday 27th March 2019

09:00 – 09:50	**Lecture 5:** Promoting inclusive accessibility through ACT – *Dr Karel Martens*
09:50 – 10:00	Q&A
10:00 – 10:50	**Lecture 6:** Formulating ACT policies – *Suzanne Hoadley, POLIS*
10:50 – 11:00	Q&A
11:00 – 11:15	Coffee/Tea Break
11:15 – 12:15	**ACT tools:** Gaming based ACT education – *Dr Eran Ben Elia*
12:15 – 13:15	**ACT tools:** Using lab tools for ACT – *Prof. Jack Hadad, Technion AV Lab*
13:15 – 14:15	Lunch
14:15 – 18:00	**Group work:** Working on group challenge II – *All Trainers*

09:00 – 09:15	**Welcome and Practitioner session Introduction** – *Prof. Yoram Shiftan*
09:15 – 09:45	**ACT tools**: A view from the industry – *Mr Asaf Degani, General Motors*
09:45 – 10:15	**ACT tools:** A view from the industry – *Mr Fej Shmuelevitz, Waze*
10:15 – 10:45	**ACT tools:** A view from the industry – *Dr Oren Shoval, Via*
10:45 – 11:00	Q&A to industry experts
11:00 – 11:15	Coffee/Tea Break
11:15 – 11:45	**ACT tools:** Using MATSim for ACT – *Prof. Kay Axhausen*
11:45 – 12:15	**Lecture 7:** Where does the industry take us? – *Prof. Kay Axhausen*
12:15 – 12:30	**ACT tools:** Israel policy view – *Hila Haddad, Head of Projects and Smart Transportation Administration, Israel Ministry of Transport*
12:30 – 12:45	**ACT tools:** AUTOTRAC: A participative approach to assess the impact of Cooperation in the future ACT - *Michalis Makridis, JRC – EC*
12:45 – 13:30	Lunch
13:30 – 15:30	**Group work:** Working on group challenge III – *All trainers*
15:30 – 16:30	**Group work:** Plenary presentations – *All trainers*
16:30 – 17:00	Coffee/tea break
17:00 – 17:30	Prize winners and wrap up – *Dr Nikolas Thomopoulos*
17:30	Close of Training School – *Prof. Yoram Shiftan*

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 will include the following:

- ACT demand scenario of Israel – *Prof. Yoram Shiftan, Dr Nir Sharav*

- Exemplary cities in the ACT era – *Prof. Pnina Plaut, Mr. Oded Kutok*

- Social and equity analysis of ACT – *Dr Karel Martens, Dr Floridea di Ciommo*

- Delivering goods through ACT – *Prof. Amalia Polydoropoulou, Prof. Joao Abreu*

- Designing ACT surveys – *Prof. Sigal Kaplan and Dr. Bat-hen Nahmias-Biran*

- Business and legal challenges of ACT – *Dr Nikolas Thomopoulos, Dr Fererico Costantini*

Trainers will join each group to provide advice and monitor progress. Check out here for the Group Work material and to select your preferred topic: https://wise-act.eu/event/training-schools/

Arrival & Departure information

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

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 transportation 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. Check out the Practical Information document for options and recommendations: https://wise-act.eu/event/training-schools/

Accommodation recommendations

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

For these rates, the hotel should be contacted at business@hiil.co.il and notified that you are a participant in the Technion training school.

2. Dan Hotels- Including breakfast, business launch entrance and Wi-Fi:

Dan Carmel	
Room type	Single
Deluxe Carmel &Sea View	**220$**
Deluxe Bay View	**240$**
Executive Bay View	**270$**

Extra Person $45

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

Extra person $35

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

Campus map

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

Contact details

For any local queries, please contact Ms Shelly Ben Zvi (benzvishelly@gmail.com) or Ms Elimary Silva (elimary.silva@lx.it.pt) for any COST administrative relative queries.