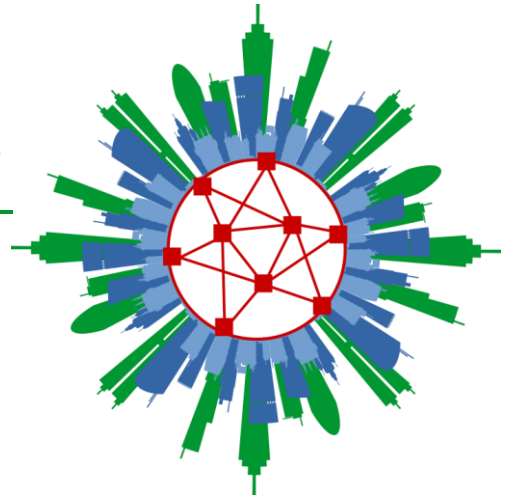


# SuMoCoS

Sustainability and Mobility  
in the Context of Smart Cities



## Conference Programme

## International Conference on Sustainability and Mobility in the Context of Smart Cities

Tashkent

October 07-12, 2019

<https://uol.de/se?sumocos>

Funded by



Federal Ministry  
of Education  
and Research

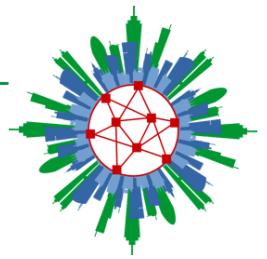
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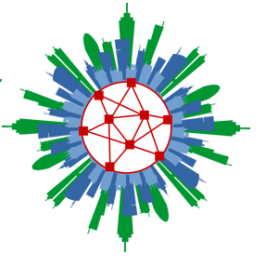


## Conference Programme

07-Oct-2019, Monday, Day 1 (09:00-16:30)

### Smart City Foundations

Time	Activities
08:30-09:00	<i>Registration</i>
09:00-10:30	<b>Session 1.1: Opening (Chair: Ahmet Yusupov, Andreas Winter, Dilshod Kuryazov)</b>
09:00	<b>Opening speeches</b> <ul style="list-style-type: none"> <li>• <i>Komil Tashev (Vice Rector for Scientific Affairs of TUIT)</i></li> <li>• <i>Otabek Djumaev (Ministry for Innovative Development)</i></li> </ul>
09:30	Introduction to Travelling Conferences <i>Christian Schönberg (University of Oldenburg)</i>
09:45	Introduction of TUIT <i>Javlon Abdujalilov (TUIT)</i>
10:00	Introduction of University of Oldenburg and Delegation <i>Johannes Meier (University of Oldenburg)</i>
10:15	Introduction of DLR and Delegation <i>Mathias Höhne (DLR)</i>
10:30-11:00	<i>Coffee &amp; Tea</i>
11:00-12:30	<b>Session 1.2: Foundations of Smart Cities (Chair: Muzaffar Artikov)</b>
11:00	Smart Cities viewed as IoT Systems <i>Andreas Winter (University of Oldenburg)</i>
11:30	NEMo - Mobility platforms as a key element for sustainable mobility <i>Andreas Solsbach, Jorge Marx-Goméz (University of Oldenburg)</i>
12:00	Important aspects of information support of smart city projects <i>Marat Rakhmatullaev (TUIT)</i>
12:30-12:40	<i>Group Photo</i>
12:40-14:00	<i>Lunch</i>
14:00-16:15	<b>Session 1.3: Smart City Strategy (Chair: Christian Schönberg)</b>
14:00	Energetic Neighbourhoods <i>Eric Veith (OFFIS)</i>
14:30	<b>Keynote Presentation</b> Smart City Strategy of Uzbekistan <i>Otabek Djumaev (Ministry for Innovate Development)</i>
15:00-15:15	<i>Coffee &amp; Tea</i>



15:15

## Panel discussion

Topic: Potential of Smart City Approaches in Uzbekistan

Panellists:

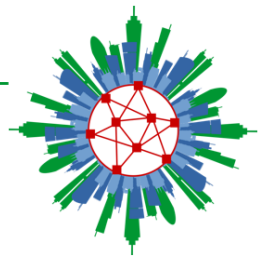
- *Ahmet Yusupov (TUIT)*
- *Andreas Winter (University of Oldenburg)*
- *Yvette Teiken (erminas GmbH)*
- *Otabek Djumaev (Ministry for Innovate Development)*
- *Komil Tashev (TUIT)*
- *Hakimjon Zaynidinov (TUIT)*

Moderators: *Dilshod Kuryazov (TUIT)*, *Christian Schönberg (University of Oldenburg)*

16:15

*Daily Closing*



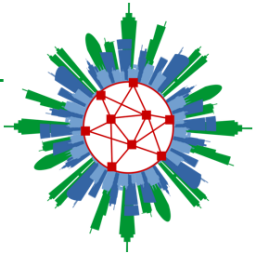


## Conference Programme

08-Oct-2019, Tuesday, Day 2 (09:00-16:00)

### Use Cases and Industry Solutions

Time	Activities
08:30-09:00	<i>Registration</i>
<b>09:00-10:30</b>	<b>Session 2.1: IIoT and Agriculture I (Chair: Ahmet Yusupov)</b>
09:00	Industrial IoT – Improving manufacturing processes and enhance production machines <i>Yvette Teiken, Hilmar Bunjes (erminas GmbH)</i>
09:30	Towards Smart Farming by Location-Aware Agricultural Vehicles <i>Marvin Banse, Oliver Theel (University of Oldenburg)</i>
09:45	Routing in Oldenburg <i>Johannes Meier, Oliver Theel, Andreas Winter (University of Oldenburg)</i>
10:00	Simulating Crop Productivity <i>Yulduzoy Djumaniyazova (KRASS)</i>
10:30-11:00	<i>Coffee &amp; Tea</i>
<b>11:00-12:30</b>	<b>Session 2.2: IIoT and Agriculture II (Chair: Andreas Winter)</b>
11:00	Project Discussion
12:30-14:00	<i>Lunch</i>
<b>14:00-15:30</b>	<b>Session 2.3: Privacy (Chair: Christian Schönberg)</b>
14:00	Privacy and Smart Traffic Management <i>Boris Reibach (University of Oldenburg)</i>
14:45	Discussion of Legal Aspects
15:30	<i>Daily Closing</i>



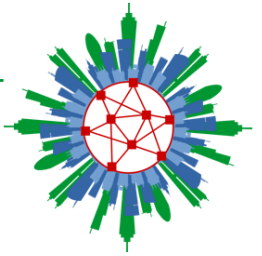
**Conference Programme**

09-Oct-2019, Wednesday, Day 3

**Field Trip I**

Time	Activities
	<p>City of Tashkent</p> <ul style="list-style-type: none"><li>▪ Meeting with the German Ambassador (tbd)</li><li>▪ Tour of the City</li><li>▪ IT Park</li></ul>



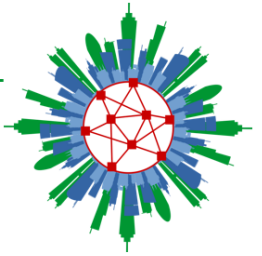


## Conference Programme

10-Oct-2019, Thursday, Day 4 (09:00-16:00)

### Special Focus I

Time	Activities
08:30-09:00	<i>Registration</i>
<b>09:00-10:30</b>	<b>Session 4.1: Describing Smart Cities (Chair: Otabek Khujaev)</b>
09:00	NEMo Mobility Platform <i>Dilshod Kuryazov (TUIT)</i>
09:30	Semantic Technologies for Smart Cities <i>Christian Schönberg (University of Oldenburg)</i>
10:00	Integrated IoT Languages <i>Muzaffar Artikov, Johannes Meier, Andreas Winter (University of Oldenburg)</i>
10:30-11:00	<i>Coffee &amp; Tea</i>
<b>11:00-12:30</b>	<b>Session 4.2: Smart Health (Chair: Muzaffar Artikov)</b>
11:00	Automation of functioning of multi-profile medical center in the Republic of Karakalpakstan <i>Uteuliev N. U. (TUIT), Sagidullaev N. (TUIT), Uteuliev R. (Financial consultant), Primbetov A. (Software engineer, Uzbekistan)</i>
11:30	Smart Health <i>Otabek Khujaev (TUIT)</i>
12:00	Mobile healthcare device and software program <i>Yusupov Ibrohimbek, Maxmudjanov Sarvar Ulug'bekovich (TUIT)</i>
12:30-14:00	<i>Lunch</i>
<b>14:00-15:30</b>	<b>Session 4.3: Breakout Session (Chair: Andreas Winter, Dilshod Kuryazov)</b>
14:00	Collection of Topics of Interest
14:30	Table Discussions on Competencies
15:30	<i>Daily Closing</i>

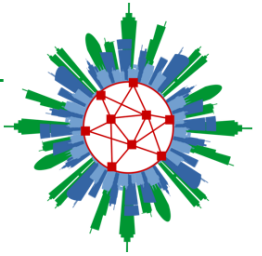


## Conference Programme

11-Oct-2019, Friday, Day 5 (09:00-16:00)

### Special Focus II

Time	Activities
08:30-09:00	<i>Registration</i>
<b>09:00-10:30</b>	<b>Session 5.1: Smart Applications (Chair: Andreas Solsbach)</b>
09:00	Smart Education in Uzbekistan: Status and Prospects <i>Ahmed Yusupov (TUIT)</i>
09:30	Smart Applications at Mustaf Software <i>Sanat Masharipov (Mustaf Software)</i>
10:00	The role of sources of alternative energy in resolving economic problems <i>Uteuliev N. U. (TUIT), Asanov Sh. (TUIT), Uteuliev M. (Financial consultant)</i>
10:30-11:00	<i>Coffee &amp; Tea</i>
<b>11:00-12:30</b>	<b>Session 5.2: Mobility (Chair: Johannes Meier)</b>
11:00	New intelligent control methods for traffic light systems evaluated with DLR's microscopic traffic simulator SUMO <i>Mathias Höhne (DLR)</i>
11:30	Toward Human Smart Cities in the framework of Transportation <i>Alexandre Milot (DLR)</i>
12:00	ECOSense - Collection and analysis of cycling data <i>Andreas Solsbach, Jorge Marx Gómez, Christian Janßen, Johannes Schering, Rene Kessler, Viktor Dmitriyev (University of Oldenburg), Kyra Pelzner, Ronald Bankowsky (baron mobility service GmbH), Christian Stehno, Eduard Sartison (CoSynth)</i>
12:15	Smart Mobility Solutions by OECON <i>Alexandre Milot (DLR)</i>
12:30-14:00	<i>Lunch</i>
<b>14:00-15:30</b>	<b>Session 5.3: Finalization</b>
14:00	Presentation of Results and Discussion
15:00	Concluding Remarks
15:30	<i>Conference Closing</i>



## Conference Programme

12-Oct-2019, Saturday, Day 6

### Field Trip II

Time	Activities
	<p>City of Samarkand</p> <ul style="list-style-type: none"><li data-bbox="483 454 719 488">▪ Tour of the City</li><li data-bbox="483 490 831 521">▪ MAN JV-Auto Uzbekistan</li></ul>

