

THE 4th EUROPEAN SMART SUSTAINABLE AND SAFE CITIES ONLINE CONFERENCE - ESSCC 2021

November 27.2021, Budapest, Hungary, Belgrade, Serbia

Conference link for on-line access: <https://matf.webex.com/meet/ssscc2021>

All times are related to CET (Budapest-Belgrade, +1GMT)

Conference program

Saturday, 27.11.2021.

11:00 – 11:10 **Opening ceremony**

11:10 – 12:25 **Chairman: Gyula Mester**

11:10 – 11:25 Szilárd Kovács, János Botzheim: PLANNED SENSOR PLACING FOR BECOMING A SMARTER CITY, Hungary

10:25 – 11:40 Ugljesa Marjanovic: APPLICATION OF IOT IN GOVERNMENT: EVIDENCE FROM SERBIA, Serbia

11:40 – 11:55 V. Ušinskis, V. Bučinskis: STUDY OF SENSOR SIGNALS REQUIRED FOR DETERMINING EXCAVATOR POSITION AND MOCK-UP OF PROCESSING SYSTEM, Lithuania

11:55 – 12:10 Tihomir Latinovic: THE INTERNET OF THINGS AND 5G AS THE BACKBONE OF SMART CITY DEVELOPMENT, Bosnia and Herzegovina, Republic of Srpska

12:10 – 12:25 Istvan Tamas Szarka: TOUCHLESS BANKING IN THE SMART CITY, Hungary

12:25 – 13:40 **Chairman: Nenad Mitić**

12:25 – 12:40 Predrag Dašić: SMART MANUFACTURING SYSTEMS (SMS) FOR INDUSTRY 4.0, Serbia

12:40 – 12:55 Edina Albininé Budavári, Attila Albini, Gyula Mester: THE ROLE OF SOCIAL ENGINEERING IN THE ENERGY BALANCE OF SYSTEMS, Hungary

12:55 – 13:10 Predrag Dašić, Gyula Mester, Jovan Dašić: VIDEO SURVEILLANCE AS A SERVICE (VSAAS) FOR SMART CITIES, Serbia, Hungary

13:10 – 13:25 Jelena Pisarov: MOBILITY IN A SMART CITY, Hungary

13:25 – 13:40 Vladimir Katic: PV SOLAR ENERGY SUPPLY IN SMART CITIES, Serbia

13:40 – 14:40 **Lunch break**

14:40 – 16:10 Chairman: Gyula Mester

- 14:40 – 14:55 César Bautista: USING THE MARKOVIAN MODEL-BASED SAFETY ANALYSIS IN PERCEPTION SYSTEMS INSIDE SELF-DRIVING CARS, Hungary
- 14:55 – 15:10 Edina Albininé Budavári and Zoltán Rajnai: THE ROLE OF ADDITIONAL INFORMATION IN THE CONTROL SYSTEM, Hungary
- 15:10 – 15:25 Filip Vidojević, Dušan Džamić, Miroslav Marić: E-FUNCTION FOR FUZZY CLUSTERING ON COMPLEX NETWORKS, Serbia
- 15:25 – 15:40 Jelena Pisarov, Gyula Mester. César Bautista, Zilahy Dalma: SMART CITY AND IOT, Hungary
- 15:40 – 15:55 César Bautista, Gyula Mester, Jelena Pisarov, Zilahy Dalma: INTERNET OF THINGS (IOT) IN SELF-DRIVING CARS ENVIRONMENT, Hungary
- 15:55 – 16:10 Dunja Milić, Vladimir Stojanovic, Marko D. Petković: SMART VARYING PHYSICAL PARAMETERS OF HIGH-SPEED TRAINS, Serbia, Canada

16:10 – 17:25 Chairman: Nenad Mitić

- 16:10 – 16:25 ászló Balázs, Tamás Sándor, Dóniz Borsos, Márk Majoros, Róbert Csamángó, Lóránd Tóth, Gábor Lefanti Jacek Kondratowicz: ADAPTIVE STREET LIGHTING FOR SMART CITIES, Hungary
- 16:25 – 16:40 Lazar Mrkela: METAHEURISTIC METHODS FOR GENERALIZED REGENERATOR LOCATION PROBLEM IN OPTICAL NETWORKS, Serbia
- 16:40 – 16:55 Zilahy Dalma, Gyula Mester, Jelena Pisarov, César Bautista: FACTORS INFLUENCING PUBLIC OPINION AND INDIVIDUAL RESPONSES TO THE ADOPTION OF SELF-DRIVING CARS, Hungary
- 16:55 – 17:10 Mirjana Kranjec, Jakob Salom: HOW TO TEACH A SMART CITY CONCEPT?, Serbia
- 17:10 – 17:25 Sergiy Kovalevskyy, Olena Kovalevska: SMART TECHNOLOGIES BASED ON ARTIFICIAL INTELLIGENCE FOR MACHINE INDUSTRY, Ukraine

Presentation time: 15 min (10 for presentation and 5 for questions, comments, discussions)

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Link will be available from 10.15 for testing connections

The conference will be held using Webex program.

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