'Spotlight 2030'
Smart Cities International Conference (SCIC)
8th Edition, December 3-4, 2020

PROGRAM

SCIENTIFIC COMMITTEE & REVIEWERS TEAM

Professor PhD. **Vasile BALTAC**
National University of Political Studies and Public Administration, Bucharest;

Professor PhD. **Lasse BERNTZEN**
University of South-Eastern Norway;

Professor PhD. **Stanisław WRYCZA**
University of Gdańsk, Poland;

Professor PhD. **Nicoleta CORBU**
National University of Political Studies and Public Administration, Bucharest;

Professor PhD. **Adrian FLOREA**
University "Lucian Blaga" of Sibiu;

Professor PhD. **Marta-Christina SUCIU**
Bucharest University of Economic Studies;

Professor PhD. **Florina PÎNZARU**
National University of Political Studies and Public Administration, Bucharest;

Associate Professor PhD. **Jacek MAŚLANKOWSKI**
University of Gdańsk, Poland;

Associate Professor PhD. Florin **Codruț NEMȚANU**
Politehnica University, Bucharest;

Associate Professor PhD. **Dragoș DINCĂ**
National University of Political Studies and Public Administration, Bucharest;

Assistant Professor PhD. **Mauro ROMANELLI**
University of Naples Parthenope, Naples, Italy;

Associate Professor PhD. **Milena YORDANOVA-KRUMOVA**
Technical University-Sofia, Bulgaria;

Lecturer PhD. **Sergiu ȚÂRA**
Politehnica University, Bucharest;

Lecturer PhD. **Diana Mariana POPA**
Politehnica University, Bucharest;

Lecturer PhD. **Cătălin VRABIE**
National University of Political Studies and Public Administration, Bucharest;

Lecturer PhD. **Vilma TOMCO**
Faculty of Economics, University of Tirana, Albania;

Parvin NEGINRAZ, PhD.
Islamic Azad University, South Branch, Iran;

Andrea BECCALLI
Internet Corporation for Assigned Names and Numbers (ICANN).

PRE-CONFERENCE SESSIONS

Monday – November 30, 2020

09.00 - 12.00 (EET)   **PRE-CONFERENCE SOCIAL MEETING WITH KEYNOTE SPEAKERS AND PAPER PRESENTERS (I)**

Hosts: **PhD. Cătălin VRABIE,** Conference Chair, National University of Political Studies and Public Administration (SNSPA), Bucharest, Romania

PhD. Diana - Camelia IANCU, Dean of the Faculty of Public Administration, National University of Political Studies and Public Administration (SNSPA), Bucharest, Romania

Tuesday – December 1, 2020

18.00 - 21.00 (EET)   **PRE-CONFERENCE SOCIAL MEETINGS WITH KEYNOTE SPEAKERS AND PAPER PRESENTERS (II)**

Hosts: **PhD. Cătălin VRABIE,** Conference Chair, SNSPA

PhD. Diana - Camelia IANCU, Dean of the Faculty of Public Administration, SNSPA

CONFERENCE SESSIONS

Thursday – December 3, 2020

**09.00 - 10.50
(EET)**
OPENING SESSION: WELCOME ADDRESSES AND KEYNOTE SPEECHES
Chairs: PhD. Cătălin VRABIE, SNSPA, Bucharest, Romania
PhD. Diana - Camelia IANCU, SNSPA, Bucharest, Romania

Alexandru Mihai GHIGIU, Vice Rector, SNSPA, Bucharest, Romania
Welcome address

Cristian BULUMAC, Policy Advisor, European Parliament
Data - the foundation of a smart approach

H.E. Mr. Søren JENSEN, Ambassador, Embassy of Denmark in Romania
Title to be confirmed

Milena YORDANOVA-KRUMOVA, Technical University of Sofia, Bulgaria
Business Based on Smart City Open Data

Parvin NEGINRAZ, Economic Counsellor of the Islamic Republic of Iran Embassy in Romania
Electronic Trade: challenges and strategies in Iran

Vasile BALTAC, SNSPA, Bucharest, Romania
The Smart City - between trend and needs

10.50 - 11.00 **BREAK**

**11.00 - 12.50
(EET)**
PLENARY SESSION (I): SMART GOVERNANCE
Chairs: PhD. Milena YORDANOVA-KRUMOVA, Technical University of Sofia, Bulgaria
PhD. Crina RĂDULESCU, SNSPA, Bucharest, Romania

Homayoun YAZDANPANAH, Smart City Chief Officer, Qom municipality, Iran
Qom Smart City Road Map

Assem KALKAMANOVA, University of Szeged, Szeged, Hungary
Governance and E-governance in Authoritarian Regimes.

Rio Yusri MAULANA, University of Ljubljana, Slovenia
Overview of Smart Governance: A New Approach to Jambi City Policy Innovation

Iulia-Maria C. TOADER, Ion Mincu University of Architecture and Urbanism, Bucharest, Romania
Tale of Two Smart Cities

Zola Innocentia MANTENTA, North-West University, Vanderbijlpark, South Africa
Loraine Boitumelo MZINI, North-West University, Vanderbijlpark, South Africa
Performance assessment of public funded school food gardens projects in the Sedibeng District Municipality

Manuela PANAITESCU, Danubius University of Galați, Galați, Romania
Galați – Smart City? Desideratum or Reality

Ileana CIOBANU, Elias University Hospital, Bucharest, Romania
Andreea MARIN, Elias University Hospital, Bucharest, Romania
Mihaela ZAMFIR, Ion Mincu University of Architecture and Urbanism, Bucharest, Romania
Mihai ZAMFIR, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
Rozeta DRAGHICI, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
Mihai BERTEANU, 'Ana Aslan' National Institute of Gerontology and Geriatrics, Bucharest, Romania
Smart living in an ageing society - two Active and Assisted Living ICT-based solutions for a better life

Assistant Rapporteur: Mihaela VLAD, SNSPA, Bucharest, Romania

12.50 - 13.00 **BREAK**

13.00 - 14.50
(EET)

PANEL 1: SMART LIVING & PEOPLE (Panel dedicated to the COVID-19 Pandemic)
Chairs: PhD. Mihaela CĂRĂUȘAN, SNSPA, Bucharest, Romania
PhD. Cătălin VRABIE, SNSPA, Bucharest, Romania

Robert MÜLLER-TÖRÖK, University of Public Administration and Finance, Ludwigsburg, Germany
Alexander PROSSER, University of Economics and Business Administration, Vienna, Austria
The Corona Warning App of the German Federal Government – How perceived data protection issues hindered any effectiveness

Jacek MAŚLANKOWSKI, University of Gdańsk, Poland
Patrycja KRAUZE-MAŚLANKOWSKA, University of Gdańsk, Poland
Activities of Public Administration Institutions in Poland in the Times of COVID'19 – Social Media Analysis

Mihaela ZAMFIR, Ion Mincu University of Architecture and Urbanism, Bucharest, Romania
Ileana CIOBANU, „Elias" University Emergency Hospital, Bucharest, Romania
Andreea Georgiana MARIN, „Elias" University Emergency Hospital, Bucharest, Romania
Mihai-Viorel ZAMFIR, Faculty of Medicine, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
Smart dwellings. Architectural perspectives opened by COVID-19 pandemic

Amitava BASU, Centre for Environmental Management & Participatory Development, New Delhi, India
Smart Redevelopment of Slums Prevent Epidemics

Lilian ONESCU, General Secretariat of the Government, Bucharest, Romania
Daniela FLORESCU, National Agency for Fiscal Administration, Bucharest, Romania
Adapting fiscal policies for the COVID-19 pandemic. Setting up a fiscal system appropriate for the digital world

Mamoun Walid ARIDAH, The Bucharest University of Economic Studies, Romania
Ghanim Ahmed KAMIL, The Bucharest University of Economic Studies, Romania
Areej Ahmad HAMAD, Jordan University, Amman, Jordan
The effect of adding corporate environmental reports in the annual financial reports on corporate governance and Sustainable Development of companies in Jordan

Hasan MAKKAWI, Academy of Economic Studies, Aqaba, Jordan
Mamoun Walid ARIDAH, Academy of Economic Studies, Aqaba, Jordan
Improving risk management in (SMEs) insurance companies and adapting them to the Corona crisis

Assistant Rapporteur: Anamaria - Gabriela VLAD, SNSPA, Bucharest, Romania

14.50 - 15.00 **BREAK**

15.00 - 16.50
(EET)

PANEL 2: SMART TECHNOLOGY (I)
Chairs: PhD. Jacek MAŚLANKOWSKI, University of Gdańsk, Gdańsk, Poland
PhD. Teodora Ioana BIȚOIU, SNSPA, Bucharest, Romania

Bartosz STEMPSKI, Nanotec Sp. z o.o., Toruń, Poland
Grzegorz GRODZICKI, Nanotec Sp. z o.o., Toruń, Poland
Production of surface agents for limiting the growth of bacteria and fungi based on silver nano and microparticles made by electrochemical methods on an industrial scale

Lukasz PORWOL, Insight Centre for Data Analytics, Galway, Ireland
The Immersive Technologies: How VR is going to disrupt the digital media and online communication sphere?

Monica-Mihaela FRANGULEA, Ion Mincu University of Architecture and Urbanism, Bucharest, Romania
Intelligent safety and emergency lighting solutions in disaster situations

Piotr MATUSZAK, Goldcitadel Sp. z o.o., Toruń, Poland
Bartosz STEMPSKI, Goldcitadel Sp. z o.o., Toruń, Poland
Technology of auscultatory data analysis obtained in a non-invasive home examination of the fetal heart rate in the prevention of prenatal diseases and defects

George-Cristian GAVRILOAIA, Department of Public Administration and Management, Cluj-Napoca, Romania
Ionelia-Bianca BOSOANCĂ, Faculty of European Studies, Cluj-Napoca, Romania
The path of digitalization of services in Romania - from good practices to challenges in the current situation

Mariusz CZERWIŃSKI, Globedata Sp. z o.o., Toruń, Poland
Piotr MATUSZAK, Globedata Sp. z o.o., Toruń, Poland
Technology of multidimensional contextual analysis using the Internet of Things, data with a large volume of Big Data as well as cloud and mobile solutions

George SUCIU, BEIA Consult International, Bucharest, Romania
Visible Light Communication for Smart Cities

<div style="text-align:right">

Assistant Rapporteur: Mihaela VLAD, SNSPA, Bucharest, Romania
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16.50 - 17.00	**BREAK**

17.00 - 18.50 (EET)	**PANEL 3: FUTURE TRENDS – SMART(ER) COMMUNITIES (I)** **Chairs: PhD. Cătălin VRABIE,** SNSPA, Bucharest, Romania **PhD. Diana - Camelia IANCU,** SNSPA, Bucharest, Romania

Marica DUMITRAŞCO, Institute of Juridical, Political and Sociological Research, Chişinău, Moldova
Romania's Position in the Global Value Chains in Comparison with European Countries

Tsvetka STOENCHEVA, University of National and World Economy, Sofia, Bulgaria
The Regional Policy of Bulgaria and the European City

Crina RĂDULESCU, SNSPA, Bucharest, Romania
Teodora I. BIŢOIU, SNSPA, Bucharest, Romania
Cristina Elena NICOLESCU, SNSPA, Bucharest, Romania
Smart Economy Through International Academic Mobility...Where To?

Florentina POPA, Danubius University of Galați, Galați, Romania
Communication with citizens - the smart solution for Smart City Galați

Bissera ZANKOVA, Media 21 Foundation, Sofia, Bulgaria
Smart societies, gender and the 2030 spotlight - are we prepared?

Valentin-Stelian BĂDESCU*, Institute of Legal Research of the Romanian Academy,* Bucharest, Romania
Ruxandra Ioana BĂDESCU*, Academy of Economic Studies,* Bucharest, Romania
Weirder than we can imagine: the historical evolution / involution of the region in Romanian law. Special focus on the Argeş-Muscel geo-historical space

Robertina ZDJELAR, University of Zagreb, Croatia
Nikolina Žajdela HRUSTEK, University of Zagreb, Croatia
Anamarija MUSA, University of Zagreb, Croatia
Open data availability in Croatian local government: Improving the quality of life

<div style="text-align:right">

Assistant Rapporteur: Oana - Georgiana SECUIAN, SNSPA, Bucharest, Romania
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18.50 - 19.00	**BREAK**

19.00 - 20.50 (EET)

PANEL 4: FUTURE TRENDS – SMART(ER) COMMUNITIES (II)
Chairs: PhD. Cătălin VRABIE, SNSPA, Bucharest, Romania
PhD. Diana - Camelia IANCU, SNSPA, Bucharest, Romania

Sorayya SAGHA, Department of Quran and Hadith, University of Islamic Studies, Qom, Iran
Kamran OVEYSI, Department of Quran and Hadith, University of Islamic Studies, Qom, Iran
Learning religious knowledge in the context of a smart city

Abolfazl SHAHABADI, Faculty of Social Sciences and Economics, Alzahra University, Tehran, Iran
Mahdi JAFARI, University of Qom, Qom, Iran
Razieh DAVARIKISH, Faculty of Social Sciences and Economics, Alzahra University, Hamadan, Iran
The Effect of Components of Knowledge Based Economy on Iran's Banking Sector Development

Larisa-Florentina BADEA, SNSPA, Bucharest, Romania
Use of Six Sigma (6σ) in public administration

Thekiso MOLOKWANE, University of Botswana, Gabarone, Botswana
Alex NDUHURA, Uganda Management Institute, Kampala, Uganda
Tshombe -Muhiya LUKAMBA, North West University, Vanderbijlpark, South Africa
Innocent NUWAGABA, Uganda Management Institute, Kampala, Uganda
The Role of Public Private Partnerships in Smart Cities - Lessons for Cities in Sub-Saharan Africa

Nikolay STOENCHEV, University of National and World Economy, Sofia, Bulgaria
Yana HRISCHEVA, University of National and World Economy, Sofia, Bulgaria
Prospects for the development of smart cities in Bulgaria

Marta-Christina SUCIU, Bucharest University of Economic Studies, Bucharest, Romania
Oktay MUTLU, Institute of Social Sciences - Okan University, Istanbul, Turkey
Importance of using IoT, AI and cloud technologies for modelling the possible upcoming urban renewal projects in Bucharest

Alina DICU, Katell Media, Bucharest, Romania
Political leaders need to become SMART. ASAP

Archil PRANGISHVILI, Georgian Scientific Academy, Tbilisi, Georgia
Nugzar IASHVILI, Georgian Scientific Academy, Tbilisi, Georgia
Yuri KHUTASHVILI, Georgian Technical University, Tbilisi, Georgia
On the need to create a monitoring system for safe gas consumption in multi-apartment residential buildings for a smart city

Assistant Rapporteur: Anamaria - Gabriela VLAD, SNSPA, Bucharest, Romania

09.00 - 10.50 (EET)	**PLENARY SESSION (II): KEYNOTE SPEECHES** **Chairs: PhD. Diana - Camelia IANCU,** SNSPA, Bucharest, Romania **PhD. Cătălin VRABIE,** SNSPA, Bucharest, Romania

Lasse BERNTZEN, University College of Southeast, Norway
Public Transport in Smart cities

Mircea ILIE, IKEA Romania, Bucharest, Romania
Smart city – sustainable city

Eduard DUMITRAȘCU, Romanian Association for Smart City, Bucharest, Romania
The society of tomorrow and digital transformation

Iliana FRANKLIN, Mediaframe Ltd, London, United Kingdom
From Fairy Tales to Smart Concepts

Mauro ROMANELLI, University of Naples Parthenope, Naples, Italy
Rediscovering urban intelligence within cities

10.50 - 11.00	**BREAK**

11.00 - 12.50 (EET)	**PLENARY SESSION (III): SMART SECURITY** **Chairs: PhD. Milena YORDANOVA-KRUMOVA,** Technical University of Sofia, Bulgaria **PhD. Crina RĂDULESCU,** SNSPA, Bucharest, Romania

Juliana NOVAES, University of Sao Paulo, Sao Paulo, Brazil
Private information in public spaces: data protection in the times of privatization of public services

Ion BOLUN, Technical University of Moldova, Chişinău, Moldova
Rodica BULAI, Technical University of Moldova, Chişinău, Moldova
Călin ROSTISLAV, Technical University of Moldova, Chişinău, Moldova
The infosecurity polygon concept

Christian SCHACHTNER, IUBH University of Applied Sciences, Bad Reichenhall, Germany
Smart Government in local adoption – authorities in strategic change through AI

Jacek MIKUCKI, University of Warsaw, Warsaw, Poland
The nervous system of the city: ICT and media in smart city Berlin and smart city Warsaw

Lukasz PORWOL, Insight Centre for Data Analytics, Galway, Ireland
Munir PODUMLJAK, Partnership for Social Development, Zagreb, Croatia
The Internet is Broken, but how can we save it?

Ana-Maria TUDOR, BEIA Consult International, Bucharest, Romania
George SUCIU, BEIA Consult International, Bucharest, Romania
George Valentin IORDACHE, BEIA Consult International, Bucharest, Romania
Gabriela BUCUR, BEIA Consult International, Bucharest, Romania
Smart City Cyber-Physical Security

Mircea BOȘCOIANU, University Transilvania of Brasov, Romania
Intelligent Systems for Smart Cities in the context of Industry 4.0 revolution- smart solutions for finance in emerging markets

Assistant Rapporteur: Oana - Georgiana SECUIAN, SNSPA, Bucharest, Romania

12.50 - 13.00	**BREAK**

13.00 - 14.50 (EET)   **PANEL 5: SMART ECONOMY**
Chairs: **PhD. Jacek MAŚLANKOWSKI,** University of Gdańsk, Gdańsk, Poland
PhD. Teodora BIȚOIU, SNSPA, Bucharest, Romania

Stefany CEVALLOS, National University of Public Service, Budapest, Hungary
Analysis of Local Information Systems of Ecuador and the importance of Urban marketing

Ani MATEI, SNSPA, Bucharest, Romania
Menachem ZILBERKLANG, SNSPA, Bucharest, Romania
Creative Philanthropy and Smart Cities

Cristina BALACEANU, BEIA Consult International, Bucharest, Romania
George SUCIU, BEIA Consult International, Bucharest, Romania
Oana ORZA, BEIA Consult International, Bucharest, Romania
Sabina BOSOC, BEIA Consult International, Bucharest, Romania
Improvement of the quality of Smart Toilets

Wilheminah Nthabiseng MOFOKENG, North-West University, Vanderbijlpark, South Africa
Loraine Boitumelo MZINI, North-West University, Vanderbijlpark, South Africa
Budget allocation and funding of community food security projects in Gauteng Province

Cosmina-Andreea MANEA, University of Bucharest, Romania
Costinel ȘERBAN, SNSPA, Bucharest, Romania
Dynamics of access to written culture in the urban-rural interfaces of municipalities in southern and southwestern Romania

Andrada S. VĂSII, Independent researcher, Bucharest, Romania
Intelligent energy consumption practices within the European Union: empowering consumers towards a smarter consumption

Ghanim Ahmed KAMIL, Academy of Economic Studies, Bucharest, Romania
Cristian-Silviu BANACU, Academy of Economic Studies, Bucharest, Romania
Mamoun Walid ARIDAH, Academy of Economic Studies, Bucharest, Romania
The economic importance of transportation and the circular economy of Iraq

Assistant Rapporteur: Mihaela VLAD, SNSPA, Bucharest, Romania

14.50 - 15.00   **BREAK**

15.00 - 16.50 (EET)   **PANEL 6: SMART MOBILITY & ENVIRONMENT**
Chairs: **PhD. Florin Codruț NEMȚANU,** Politehnica University, Bucharest, Romania
PhD. Cătălin VRABIE, SNSPA, Bucharest, Romania

Marta-Christina SUCIU, The Bucharest University of Economic Studies, Romania
Marco SAVASTANO, Sapienza University of Rome, Italy
Gheorghe-Alexandru STATIVĂ, The Bucharest University of Economic Studies, Romania
Irina GORELOVA, Sapienza University of Rome, Italy
Smart Mobility: Urban Transportation Challenges in Romania and Italy

Florin Codruț NEMȚANU, Politehnica University, Bucharest, Romania
Connected and automated mobility

Ioan GÂF-DEAC, Costin C. Kiritescu National Institute for Economic Research, Bucharest, Romania
Bucharest Digital Transformation. Best practices case study in the 4th District local public administration

George SUCIU, BEIA Consult International, Bucharest, Romania
Ioana PETRE, BEIA Consult International, Bucharest, Romania
Andrei SCHEIANU, BEIA Consult International, Bucharest, Romania
Cristian BECEANU, BEIA Consult International, Bucharest, Romania
Denisa PASTEA, BEIA Consult International, Bucharest, Romania
Innovative automatic sorting system of the Construction and Demolition Waste materials

Amir SODAGARAN, Shiraz Municipality, Shiraz, Iran
Smart mobility in Shiraz: Toward an Intelligent Traffic Information System

Michael GALUKANDE-KIGANDA, Uganda Management Institute, Kampala, Uganda
Overcoming the challenges of managing urban parking space in developing cities: Lessons of engaging public private partnerships (PPP) in Kampala Capital City Authority

Mihaela Hermina NEGULESCU, Ion Mincu University of Architecture and Urbanism, Bucharest, Romania
Smart mobility - challenges for mobility policies and spatial planning

<div align="right">**Assistant Rapporteur: Oana - Georgiana SECUIAN,** SNSPA, Bucharest, Romania</div>

16.50 - 17.00	**BREAK**

17.00 - 18.00 **(EET)**	**PANEL 7: SMART TECHNOLOGY (II)** **Chairs: PhD. Florin POPA,** SNSPA, Bucharest, Romania **PhD. Cătălin VRABIE,** SNSPA, Bucharest, Romania

Ikrame SELKANI, University of Cordoba, Cordoba, Spain
Smart museums: enjoying culture virtually. Case of Virtual Museum of the National Museums Foundation. Rabat – Morocco

Alexandra UNGUREANU, Ștefan cel Mare University of Suceava, Romania
The impact of smart city infrastructure on the global economic growth

Mohammad EYNOLGHOZAT, University of Tehran, Iran
Seyed Ali Adel RASTKHIZ, University of Islamic Azad, Mashhad, Iran
Marketing models in citizenship Apps

Loredana IVAN, SNSPA, Bucharest, Romania
Joost VAN HOOF, The Hague University of Applied Sciences, The Hague, The Netherlands
Dorin BEU, Technical University of Cluj-Napoca, Romania
Smart Cities and Age-Friendly Cities in Romania: An Analysis of Current Projects and Practices

Joshua Olusegun FAYOMI, Kaunas University of Technology, Kaunas, Lithuania
Zainab Abdulqadir SANI, University of Debrecen, Hungary
The future of Work in the Smart City: Managing virtual work by leveraging smart cities to achieve organizational strategy

Navid ZOHDI, Mashhad Municipality, Iran
Ali MOTEVALIZADEH, Mashhad Municipality, Iran
Transforming Mashhad into a smart city

<div align="right">**Assistant Rapporteur: Anamaria - Gabriela VLAD,** SNSPA, Bucharest, Romania</div>

18.00-18.30	**CLOSING CEREMONY & SMART CITIES CONFERENCE 2021**

ORGANIZING COMMITTEE

Lecturer PhD. **Cătălin VRABIE, Chair**
National University of Political Studies and Public Administration (SNSPA), Bucharest

Associate Professor PhD. **Dragoș DINCĂ**
National University of Political Studies and Public Administration (SNSPA), Bucharest

SECRETARIAT:

PhD. candidate **Luminița MOVANU**
National University of Political Studies and Public Administration (SNSPA), Bucharest