

**SMART CITIES CONFERENCE - Sixth Edition**

December 6-7, 2018



NATIONAL UNIVERSITY OF POLITICAL STUDIES AND PUBLIC ADMINISTRATION

FACULTY OF PUBLIC ADMINISTRATION

THE „DEVELOPMENT AND URBAN PLANNING” RESEARCH WORKING GROUP

**„SMART CITIES” CONFERENCE**

**6th edition**

December 6-7, 2018

**PROGRAM**

**VENUE**

The National University of Political Studies and Public Administration (SNSPA)

Address: 30A Expoziției Blvd., Bucharest, Romania

The Multifunctional Room, first floor





## SCIENTIFIC COMMITTEE

Professor PhD. **Vasile BALTAC**

National University of Political Studies and Public Administration, Bucharest

Professor PhD. **Adriana GRIGORESCU**

National University of Political Studies and Public Administration, Bucharest

Professor PhD. **Lasse BERNTZEN**

University College of Southeast Norway

Professor PhD. **Nicoleta CORBU**

National University of Political Studies and Public Administration, Bucharest

Professor PhD. **Stanisław WRYCZA**

University of Gdańsk, Poland

Professor PhD. **Adrian FLOREA,**

University "Lucian Blaga" of Sibiu

Professor PhD. **Marta-Christina SUCIU,**

Bucharest University of Economic Studies

Associate Professor PhD. **Florina PÎNZARU**

National University of Political Studies and Public Administration, Bucharest

Associate Professor PhD. **Alexandru GAVRILĂ**

Bucharest University of Economic Studies

Associate Professor PhD. **Jacek MAŚLANKOWSKI**

University of Gdańsk, Poland

Associate Professor PhD. **Florin Codruț NEMȚANU,**

Politehnica University, Bucharest

Associate Professor PhD. **Dragoș JALIU**

National University of Political Studies and Public Administration, Bucharest

Associate Professor PhD. **Dragoș DINCĂ**

National University of Political Studies and Public Administration, Bucharest

Lecturer PhD. **Sergiu ȚĂRA**

Politehnica University, Bucharest

Lecturer PhD. **Diana Mariana POPA,**

Politehnica University, Bucharest

Lecturer PhD. **Cătălin DUMITRICĂ**

National University of Political Studies and Public Administration, Bucharest

Lecturer PhD. **Cătălin VRABIE**

National University of Political Studies and Public Administration, Bucharest

Assistant Professor PhD. **Efstratios PAPANIS,**

University of the Aegean, Lesvos, Greece;

Ing. **Gabriela Dana VLAD**

Director of the Information Technologies and Electronic Services Department, Brasov City Hall, Romania

**Andrea BECCALI**

Internet Corporation for Assigned Names and Numbers (ICANN)

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Thursday – December 6, 2018

**8.00 - 09.15 REGISTRATION****9.15 - 10.00****OPENING SESSION – WELCOME AND KEYNOTE SPEECH**

Chair: Associate Professor PhD. Dragoș DINCĂ (SNSPA, Bucharest, Romania)  
Lecturer PhD. Cătălin VRABIE (SNSPA, Bucharest, Romania)

Lecturer PhD. Crina RĂDULESCU, vice dean, Faculty of Public Administration, National University of Political Studies and Public Administration, Bucharest, Romania

*Welcome speech*

His Excellency Dr. Morteza ABOUTALEBI, The Ambassador of The Islamic Republic of Iran in Bucharest, Romania

*Educated Youth and Smart Cities*

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

*Smart city and digital technologies*

Associate Professor PhD. Florina PÎNZARU, National University of Political Studies and Public Administration, Bucharest, Romania

*Being ready for smart cities: from business opportunities to companies' management updates*

**10.00 - 10.30 COFFEE BREAK****10.30 - 12.30****PLENARY SESSION (I) - SMART ENVIRONMENT**

Chairs: Lecturer PhD. Cătălin DUMITRICĂ (SNSPA, Bucharest, Romania)  
Mauro ROMANELLI, University of Naples Parthenope, Department of Business and Economics, Naples, Italy

Constantin FURDU, Primăria Municipiului București, Romania

*Regândirea orașelor inteligente de la zero*

Adrian NECULIȚĂ, Poliția Română, București, Romania

*Cum influențează fenomenul imigrației ilegale sistemul de guvernanta al orașelor din perspectiva Instituțiilor polițienești*

Ama Kissiwah BOATENG, National University of Public Service, Budapest, Hungary

*Green Hotel Development: Towards the building of resilient cities in Ghana*

Dumitru ZAMFIR, ADREM, București, România

*Smart City și optimizarea utilizării resurselor în cadrul comunităților urbane*

Ștefan Florin BĂLAN, National Institute of R-D for Earth Physics, Bucharest, Romania

Alexandru ȚIGĂNESCU, National Institute of R-D for Earth Physics, Bucharest, Romania

Bogdan Felix APOSTOL, National Institute of R-D for Earth Physics, Bucharest, Romania

*Mitigation of seismic risk through monitoring structures in Romania*

**SMART CITIES CONFERENCE - Sixth Edition**

December 6-7, 2018



**Mauro ROMANELLI**, University of Naples Parthenope, Department of Business and Economics, Naples, Italy

*Cities rethinking sustainability by innovation*

**Florin Codruț NEMȚANU**, Politehnica University, Bucharest, Romania

*Smart city. Smart mobility. Smart people. Smart...*

**Jonathan Fedor SIVAK**, Mount software, Bucharest, Romania

*Smart cities Need Smart Data : Examining the means and approaches to collecting and analysing data, in order to realise a cities potential*

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**12.30 - 13.30 LUNCH BREAK**

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**13.30 - 13.45 BEST STUDENT PAPER AWARD NOMINATION**

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**13.45 - 15.45 PLENARY SESSION (II) - SMART GOVERNANCE**

**Chairs:** Associate Professor PhD. Diana Camelia IANCU (SNSPA, Bucharest, Romania)

**Costel CIUCHI**, Facultatea de Electronică, Telecomunicații și Tehnologia Informației, Universitatea POLITEHNICA din București, România

**Eduard MITITELU**, Facultatea de Electronică, Telecomunicații și Tehnologia Informației, Universitatea POLITEHNICA din București, România

**Gabriel PETRICĂ**, Facultatea de Electronică, Telecomunicații și Tehnologia Informației, Universitatea POLITEHNICA din București, România

*SMART CITIES, SMART GOVERNANCE, SMART DATA (3S): Mecanism de modelare a proceselor administrative la nivelul comunităților locale pentru o mai bună guvernare electronică*

**Michael GALUKANDE - KIGANDA**, Uganda Management Institute, Kampala, Uganda

**Loraine Boitumelo (TUMI) MZINI**, North West University, Vaal Triangle Campus, Republic of South Africa

*Evaluation Of Participatory Governance For Enhancing Quality Of Local Governments; A Case Of Six Selected Local Governments In Central Uganda*

**Shiyi TAO**, National University of Public Service, Budapest, Hungary

*Smart Tourism and Poverty Reduction*

**George SUCIU**, Research & Development, BEIA Consult International, Bucharest, Romania

**Teodora UȘURELU**, Research & Development, BEIA Consult International, Bucharest, Romania

**Diana IOSIF**, Research & Development, BEIA Consult International, Bucharest, Romania

**Ioana ROGOJANU**, Telecommunications Department, University Politehnica of Bucharest, Bucharest, Romania

**Ruxandra Ioana RĂDUCANU**, Telecommunications Department, University Politehnica of Bucharest, Bucharest, Romania

**Raluca IOSU**, Telecommunications Department, University Politehnica of Bucharest, Bucharest, Romania

**Felix Jesus VILLANUEVA**, School of Computer Science, University of Castilla-La Mancha, Spain

**Maria Jose SANTOFIMIA**, School of Computer Science, University of Castilla-La Mancha, Spain

**David VILLA**, School of Computer Science, University of Castilla-La Mancha, Spain

*CitiSim – IoT platform for monitoring and management of the city*

**SMART CITIES CONFERENCE - Sixth Edition**

December 6-7, 2018



**Diana Georgiana MOȘNEANU**, National University of Political Studies and Public Administration, Bucharest, Romania

*Corporate Governance at European Level: Romania – Study Case, Romanian Public Enterprises*

**Cristina ȘICLOVAN**, National University of Political Studies and Public Administration, Bucharest, Romania

*Every inhabitant of a smart city will have a digital twin*

**Valentin – Stelian BĂDESCU**, Universitatea Româno-Germană, Sibiu, România

*Suveranitate națională/administrativă națională versus cooperare administrativă interstatală sau cum poate influența codul renewal de procedură administrativă a Uniunii Europene dreptul administrativ român la 100 de ani de la marea unire*

**Boban DAVIDOVIC**, Faculty of Organizational Sciences, Belgrade, Serbia

*Analysing user behaviour patterns in a smart home environment*

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**15.45 - 16.00 COFFEE BREAK**

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**16.00 - 18.30**

**PLENARY SESSION (III) - SMART ECONOMY**

**Chair:** Lecturer PhD. Teodora Ioana BIȚOIU (SNSPA, Bucharest, Romania)

Prof. Dr. Ing. Jörn SCHLINGENSIEPEN (Technische Hochschule, Ingolstadt, Germany)

**Bissera ZANKOVA**, Media 21 Foundation, Sofia, Bulgaria

*Smart society – “Fake Analytica” style?*

**Raluca-Ioana IORGULESCU**, Institute for Economic Forecasting-NIER, Romanian Academy, Romania

**John M. POLIMENI**, Albany College of Pharmacy and Health Sciences, USA

**Carmen Beatrice PĂUNA**, Institute for Economic Forecasting-NIER, Romanian Academy, Romania

*Thoughts on the preparedness for building smart cities: Contrasting some CEE countries with EU-15 and Norway*

**Takele Bekele BAYU**, National University of Public Service, Budapest, Hungary

*Measuring Governance Performance, Post 1991 Ethiopia*

**Velibor BOŽIĆ**, General hospital of Koprivnica - Krizevci County, Croatia

*Smart hospital – our experience*

**Lilian ONESCU**, Guvernul Romaniei – Agenția Națională de Administrare Fiscală, București, România

**Daniela FLORESCU**, Agenția Națională de Administrare Fiscală, București, România

*Implicații ale economiei subterane în dezvoltarea orașului inteligent*

**Alina DICU**, Dally Sense, Bucharest, Romania

*Noua paradigmă a economiei circulare și implicațiile ei în dezvoltarea inteligentă a localităților*

**Jiandong SHI**, National University of Public Service, Budapest, Hungary

*Case Study on Sino-US Trade Friction-Sino-US Photovoltaic Dispute*

**SMART CITIES CONFERENCE - Sixth Edition**

December 6-7, 2018



**Irina-Ioana PICIOROAGĂ**, University Politehnica of Bucharest, Romania

**Mircea EREMIA**, University Politehnica of Bucharest, Romania

*Creșterea Rezilienței Orașelor Inteligente prin Restaurarea Rapidă a Serviciilor de Alimentare cu Energie Electrică*

**Alex NDUHURA**, Uganda Management Institute, Kampala, Uganda

**Paul WANUME**, Uganda Management Institute, Kampala, Uganda

**Jemimah NINSIIMA**, Uganda Management Institute, Kampala, Uganda

*International Procurement: How International Accounting Standard (IAS) 21 can offer cushion when sourcing for cities; Lessons for city procurement practice*

**Marta-Christina SUCIU**, The Bucharest University of Economic Studies, Bucharest, Romania

**Adrian PETRE**, The Bucharest University of Economic Studies, Bucharest, Romania

*The Accelerated Development Of Information And Communication Technologies And Their Role Within Smart Cities*

**Carmen SĂVULESCU**, National University of Political Studies and Public Administration, Bucharest, Romania

**Corina Georgiana ANTONOVICI**, National University of Political Studies and Public Administration, Bucharest, Romania

*The smart city as dynamic digital ecosystem*

**Valerii LOGVINOV**, National Academy of Public Administration, President Office of the Ukraine, Kyiv, Ukraine

**Svitlana MALONOGA**, Odessa Regional Centre of Emergency Medical Service, Odessa, Ukraine

*Information Infrastructure of Emergency Medical Service in the Smart City Solutions*

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Friday – December 7, 2018

**8.30 - 09.00 REGISTRATION**

**9.00 - 11.00**

**PLENARY SESSION (IV) - SMART PEOPLE & MOBILITY**

**Chair:** Professor PhD. Lasse BERNTZEN, (University College of Southeast Norway, Norway)

Lecturer PhD. Crina RĂDULESCU (SNSPA, Bucharest, Romania)

**Professor PhD. Lasse BERNTZEN**, University College of Southeast Norway, Norway

*Smart Parking in Smart Cities*

**Florin PETRESCU**, BRD - Groupe Société Générale

*Mod inteligent de viață*

**Hari Stankov NIKOLOV**, Technical University - Sofia, Sofia, Bulgaria

**Milena Yordanova KRUMOVA**, Technical University - Sofia, Sofia, Bulgaria

*Hofstede's Model in the Context of e-Government and Open Government in EU Countries: Countries Clustering Based on Similarities and Differences*

**Robertina ZDJELAR**, Faculty of Organization and Informatics, Varaždin, Croatia

**Robert KELEMEN**, City Utility Company Komunalac, Koprivnica, Croatia

*The Smart Cities are implemented – Are Citizens "Smart" Also*

**SMART CITIES CONFERENCE - Sixth Edition**

December 6-7, 2018



**Ilariana Maria JORS**, National University of Political Studies and Public Administration, Bucharest, Romania

**Ruxandra PUȘCAȘU**, University of Architecture and Urban Planning Ion Mincu, Bucharest, Romania  
*Evaluating preconditions for implementing Mobility as a Service (MaaS) in Romanian context*

**Alex NDUHURA**, Uganda Management Institute, Kampala, Uganda

**Paul WANUME**, Uganda Management Institute, Kampala, Uganda

**John Paul SETTUMBA**, Uganda Management Institute, Kampala, Uganda

**Benedict MUGERWA**, Uganda Management Institute, Kampala, Uganda

**Obita GODFREY**, Procurement Officer, Gulu Municipality, Uganda

*Municipalities in motion: how cities are forming with adoption of clustered procurement strategy  
Case of municipalities in Uganda*

**Dana ALEXANDRU**, Lucian Blaga University of Sibiu, Romania

*Flexibility in urban planning process: the case of Romania*

**Aurelian Virgil BĂLUȚĂ**, Universitatea Spiru Haret, București, România

**Eduard DUMITRAȘCU**, Asociația Româna pentru Smart City și Mobilitate, București, Romania

*Reguli ale managementului proiectelor în realizarea activităților de tip „oraș inteligent” în România.  
Studiu de caz din activitatea Asociației Române pentru Smart City și Mobilitate*

**Cosmina Andreea MANEA**, Faculty of Geography, University of Bucharest, Romania

*Promoting Walkability as a Form of Sustainable Transport Mode. Case Study: Bucharest Central Area*

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**11.00 - 11.15 COFFEE BREAK**

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**11.15 - 13.00**

**PLENARY SESSION (V) - SMART LIVING**

**Chair:** Associate Professor PhD. Mihaela CĂRĂUȘAN (SNSPA)

**Ioan-Liviu CHIRCĂ**, National University of Political Studies and Public Administration, Bucharest, Romania

*Optimul în administrația publică*

**Mihaela V. CĂRĂUȘAN**, National University of Political Studies and Public Administration, Bucharest, Romania

*State Building in the Era of New Technologies*

**Cristina Gabriela MITINCU**, Universitatea din București, București, România

*ICT pentru evaluarea și implementarea soluțiilor verzi*

**Mihai GRECU**, Institutul de Dezvoltare a Societății Informale, Chișinău, Republica Moldova

**Ion COȘULEANU**, Institutul de Dezvoltare a Societății Informale, Chișinău, Republica Moldova

*Servicii electronice în societatea în tranziție – experiența Republicii Moldova*

**Ana MOCANU-SUCIU**, Universitatea Lucian Blaga din Sibiu, Sibiu, România

*Temeiul răspunderii juridice*

**Bogdan-Alexandru TUDORACHE**, National University of Political Studies and Public Administration, Bucharest, Romania

*Democratic accountability of city institutions in IoT era*

**SMART CITIES CONFERENCE - Sixth Edition**

December 6-7, 2018



**Dorina TICU, Alexandru Ioan Cuza University, Iași, Romania**

*Modele decizionale actuale în administrația publică locală românească: Un studiu de caz pentru opt orașe din Regiunea de Nord-Est*

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**13.00 - 14.00 LUNCH BREAK**

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**14.00 – 15.00 Departing for visiting The Museum of the National Bank of Romania – BNR**

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**15.00 – 17.00 Visiting The Museum of the National Bank of Romania – BNR**

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**14.00 - 17.00**

**PARALLEL SESSION (VI) - FUTURE TRENDS**

**Chair: Lecturer PhD. Cătălin DUMITRICĂ (SNSPA, Bucharest, Romania)**

**Cătălin Daniel DUMITRICĂ, National University of Political Studies and Public Administration, Bucharest, Romania**

*Smart public procurement for a smart urban development process*

**Dragoș DINCĂ, National University of Political Studies and Public Administration, Bucharest, Romania**

*Local government action and happiness. Case of Romania*

**Andreea-Maria TÎRZIU, National University of Political Studies and Public Administration, Bucharest, Romania**

**Cătălin VRABIE, National University of Political Studies and Public Administration, Bucharest, Romania**

*Elementele cheie ale unui smart city*

**Alexandra IANCU, National University of Political Studies and Public Administration, Bucharest, Romania**

*Rolul Autorității Electorale Permanente în organizarea și desfășurarea alegerilor la nivel național. Importanța Registrului electoral și a Registrului secțiilor de votare din țară*

**Mădălina COCOȘATU, National University of Political Studies and Public Administration, Bucharest, Romania**

*Monitoring integration of immigrants. Comparative approaches*

**Andy LEOVEANU, National University of Political Studies and Public Administration, Bucharest, Romania**

*Infomatizarea serviciilor publice bazate pe evenimentele de viață în România*

**Cătălin CHIPER, Senatul României, București, Romania**

*Funcția de prefect, o cenușăreasă a administrației românești*

**Luminița IORDACHE, National University of Political Studies and Public Administration, Bucharest, Romania**

*Instituții care înclină balanța viitorului în procesul dezvoltării societății*

**Florin POPA, National University of Political Studies and Public Administration, Bucharest, Romania**

*Capitalul social: motor al dezvoltării locale*



**SMART CITIES CONFERENCE - Sixth Edition**

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Saturday - December 8, 2018

100% Romanian experience – a day trip to Transylvania. Unfortunately we won't be able to support the costs for this, therefore be prepared, in case you want to participate, to pay. We estimate the costs to be around 50 EURO for the whole trip per person.

## ORGANIZING COMMITTEE

Associate Professor PhD. **Dragoș DINCĂ**

National University of Political Studies and Public Administration (SNSPA), Bucharest

Lecturer PhD. **Cătălin VRABIE**

National University of Political Studies and Public Administration (SNSPA), Bucharest

Lecturer PhD. **Cătălin DUMITRICĂ**

National University of Political Studies and Public Administration (SNSPA), Bucharest