

THE NATIONAL UNIVERSITY OF POLITICAL STUDIES AND PUBLIC ADMINISTRATION (SNSPA)

FACULTY OF PUBLIC ADMINISTRATION

The „Development and Urban Planning” research working group

invites you to the

SMART CITIES CONFERENCE - Fifth Edition

December 7-8, 2017



NATIONAL UNIVERSITY OF POLITICAL STUDIES AND PUBLIC ADMINISTRATION

FACULTY OF PUBLIC ADMINISTRATION

THE „DEVELOPMENT AND URBAN PLANNING” RESEARCH WORKING GROUP

„SMART CITIES” CONFERENCE

5th edition

December 7-8, 2017

PROGRAM

VENUE

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

Address: 30A Expoziției Blvd., Bucharest, Romania

The Multifunctional Room, first floor

SMART CITIES CONFERENCE - Fifth Edition

December 7-8, 2017



ORGANIZING COMMITTEE

Associate Professor PhD. **Dragoș DINCĂ**

National University of Political Studies and Public Administration, Bucharest

Lecturer PhD. **Cătălin VRABIE**

National University of Political Studies and Public Administration, Bucharest

Lecturer PhD. **Cătălin DUMITRICĂ**

National University of Political Studies and Public Administration, Bucharest

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

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Associate Professor PhD. **Dragos JALIU**

National University of Political Studies and Public Administration, Bucharest

Lecturer PhD. **Sergiu ȚĂRA**

Politehnica University, Bucharest

Lecturer PhD. **Diana Mariana POPA,**

Politehnica University, 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 7, 2017

8.30 - 09.30 REGISTRATION

9.30 - 11.00 OPENING SESSION – WELCOME AND KEYNOTE SPEECH

Chair: Associate Professor PhD. Dragoș DINCĂ (SNSPA)

Lecturer PhD. Cătălin VRABIE

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

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

Acceleration and Braking Factors for Implementing the Smart Cities Concept

Professor PhD. Maciej KISIŁOWSKI, Central European University, Budapest, Hungary;

CEE Cities: Smart or Outsmarted?

Cătălin DRULĂ, Committee for information technologies and communications, Chamber of Deputies, Romania

„WiFi4EU | Free Wi-Fi for Europeans” initiative

Cristian BOTAN, Coalition for Digital Economy, Bucharest, Romania

Going digital: How technology can save government

11.00 - 11.15 COFFEE BREAK

11.15 - 13.15 PLENARY SESSION (I) - SMART GOVERNANCE

Chairs: Associate Professor PhD. Diana Camelia IANCU (SNSPA)

Dr. Marin MARINOV (Rail Education Group, Newcastle, UK)

Maryam NAZARI, Iranian Research Institute for Information Science and Technology, Tehran, Iran

Smart Cities built by Smart People: How to build smart cities using a contextual-participatory approach?

Soós GÁBOR, PhD, Hungarian Academy of Science, Centre for Social Sciences, Institute for Political Science, Budapest, Hungary

Smart decentralization? The radical anti-establishment worldview of block chain initiatives

Maria PAVLOVSKAYA, The St. Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO University), Sankt-Petersburg, Russia

Olga KONONOVA, The St. Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO University), Sankt-Petersburg, Russia

The Smart City Vision: the Internet-of-Postal-Things (IoPT) Approach

Liviu BOGZA, Start Inovare Cluster, Bucharest, Romania

Start Inovare Cluster – Smart Solutions for Smart Cities

Marin FLOREA, Association of Public Administrators in Romania

City manager. Smart City. City Management.

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Associate Professor PhD. Florin Codruț NEMȚANU, Politehnica University, Bucharest, Romania
Cristian DUCU, PhD. Centre for Advanced Research in Management and Applied Ethics, Bucharest, Romania

Human Factors in Smart City Support Systems

Professor PhD. Marta-Christina SUCIU, Bucharest University of Economic Studies, Bucharest, Romania

PhD. Candidate Diana-Florentina SPINU, Bucharest University of Economic Studies, Bucharest, Romania

Smart Cities & Crowdsourcing. A Bottom-up Approach

13.15 - 14.15 LUNCH BREAK

14.15 - 16.15

PLENARY SESSION (II) - SMART ENVIRONMENT

Chairs: Lecturer PhD. Cătălin DUMITRICĂ (SNSPA)

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

Eng. Master Telecom Catalin Ivan VISOESCU, Onix Network, Barcelona, Spain

Eng. Aerospace Doroftei MALIN, Onix Network, Bucharest, Romania

New Technologies in Networks and Telecommunications. Data transmission through LiFi light

Prof. Aleksander NOWORÓL, Ph.D., D.Sc, Jagiellonian University, Krakow, Poland

Smart Governance and Metropolitan Dimension, Case for Krakow, Poland

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

Doc. dr Zorica BOGDANOVIC, Faculty of Organizational Sciences, University of Belgrade, Serbia

Katarina DJORDJEVIC, Faculty of Organizational Sciences, University of Belgrade, Serbia

Doc. dr Aleksandra LABUS, Faculty of Organizational Sciences, University of Belgrade, Serbia

Designing adaptable smart home environment based on resident's activity

Ivan JEZDOVIĆ, Faculty of Organizational Sciences, University of Belgrade, Serbia

Nevena NEDELJKOVIĆ, Faculty of Organizational Sciences, University of Belgrade, Serbia

Lazar ŽIVOJINOVIĆ, Faculty of Organizational Sciences, University of Belgrade, Serbia

Božidar RADENKOVIĆ, Faculty of Organizational Sciences, University of Belgrade, Serbia

Aleksandra LABUS, Faculty of Organizational Sciences, University of Belgrade, Serbia

Smart city: System for measuring noise pollution

Andreea Cristina KISPÁL, Oracle Romania, Bucharest, Romania

Implementing the Digital Agenda for Europe in Romania. Case Study: National Electronic Payment System (Ghișeul.ro)

Associate professor, PhD. Ion CORBU, Europeea Romanian Association, Bucharest, Romania

Innovative technologies for a smart and healthy environment

16.15 - 16.30 COFFEE BREAK

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16.30 - 18.30

PLENARY SESSION (III) - SMART ECONOMY

Chair: Lecturer PhD. Teodora Ioana BIȚOIU (SNSPA)

Alexandru NEN, TELEKOM Romania

Smart City. Studiu de caz Constanta

Daniel BREBENARIU, Municipality of Resita, Romania

Pilot Project for the introduction of Modern and Intelligent Public Lighting in the Municipality of Resita.

Dipl. Ec. Christina LEUCUTA, CLUSTERO – Romanian Cluster Association, Bucharest

Clusters and Smart Cities

Boglárka BARSÍ, PhD, Hungarian Academy of Sciences, Centre for Economic and Regional Studies, Győr, Hungary

Beyond indicators new methods in smart city assessment

Associate Professor PhD. Florin Codruț NEMȚANU, Politehnica University, Bucharest, Romania

Professor PhD. Jorn SCHLINGENSIEPEN, Ingolstadt University, Germany

The Architecture of IT&C support systems for smart cities

PhD Aurelian Virgil BALUTA, Spiru Haret University, Bucharest, Romania

PhD Student Eduard DUMITRASCU, Romanian Association for Smart City and Mobility, Bucharest

Smart city - a new stage in evolution of life, social environment and business

Andra Jacob LARIONESCU, Spiru Haret University, Bucharest, Romania

Michael MONTANARI, Parma University, Italy

Energy-Efficient Home Design: Learning from the past

Diana Mariana POPA, University Politehnica of Bucharest, Romania

Bucharest in Dutch language online video travel stories

Prof. Dr. George M. KORRES, University of the Aegean, Department of Geography, Lesvos, Greece

Associate Professor Dr. Aikaterini KOKKINOY, Hellenic Army Academy, Athens, Greece

Assistant Professor Dr. Efstratios PAPANIS, University of the Aegean, Department of Sociology, Lesvos, Greece

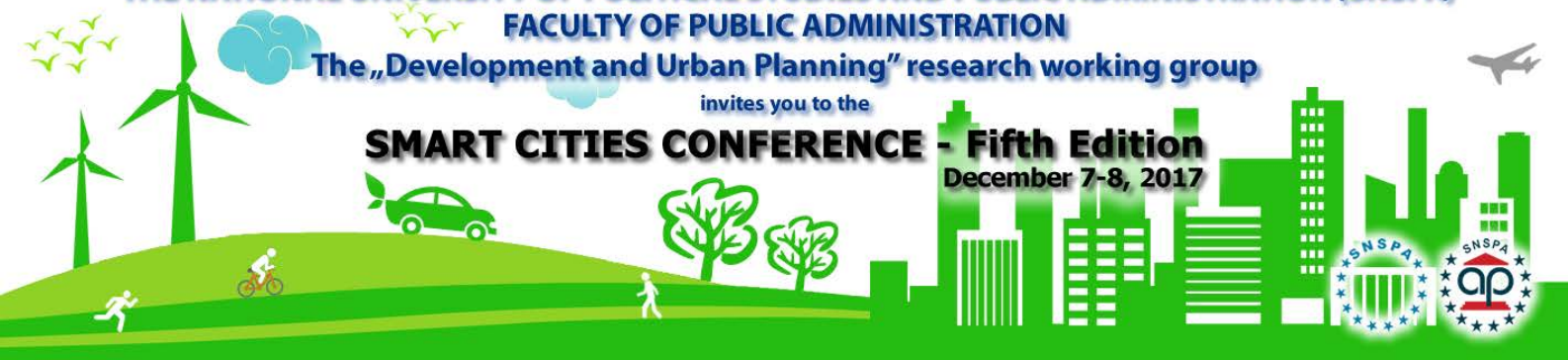
Blue Smart Economy - A current approach towards growth

Lilian ONESCU, Romanian Government - National Agency for Natural Resorts Protection, Bucharest

The role of circular economy in the development of a Smart city

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Friday – December 8, 2017

8.30 - 09.00

REGISTRATION

9.00 - 10.15

KEYNOTE SPEECH

Chair: Lecturer PhD. Crina RĂDULESCU (SNSPA)

Professor PhD. Lasse BERNTZEN, University College of Southeast Norway
The Transparent Smart City

Associate Professor PhD. Florina PINZARU, National University of Political Studies and Public Administration, Bucharest, Romania
Smart Cities: Business Opportunities and Management Challenges

Professor PhD. Adrian FLOREA, University "Lucian Blaga" of Sibiu, Romania
Professor PhD. Lasse BERNTZEN, University College of Southeast Norway
Green IT solutions for smart city sustainability

10.15 - 10.30

COFFEE BREAK

10.30 - 12.30

PLENARY SESSION (IV) - SMART PEOPLE & MOBILITY

Chair: Lecturer PhD. Cătălin VRABIE (SNSPA)

Eng. Constructor Cristian GIULESCU, Edelweiss, Bucharest, Romania
Eng. Master Telecom Catalin Ivan VISOESCU, Onix Network, Barcelona, Spain
Smart City Mobility Projects – Smart street crossing for pedestrian

John M. POLIMENI, Albany College of Pharmacy and Health Sciences, USA
Raluca-Ioana IORGULESCU, Institute for Economic Forecasting, Romanian Academy, Romania
Smart city initiatives: Street lights

Andrada NIMU, Questia Group, Bucharest, Romania
Andreea NEDELICU, Questia Group, Bucharest, Romania
Emerging trends: how is Internet of Things (IoT) transforming our homes

Alexandra COROLEA, UBER Romania
The Future of Urban Mobility

Amitava BASU, Centre for Environmental Management & Participatory Development, New Delhi, India
People Make a City Smart

Associate Professor PhD. Jacek MAŚLANKOWSKI, University of Gdańsk, Poland
Applying Big Data tools to acquire and process data on cities

Lecturer PhD. Christian NĂSULEA, University of Bucharest, Romania
Stelian-Mihai MIC, University of Bucharest, Romania
Using Blockchain as a Platform for Smart Cities

Sorin NEGREA, Romanian Association for Smart City and Mobility, Bucharest, Romania
Developing Artificial Intelligence and how it helps transform cities into Smart cities

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

Carmen Beatrice PAUNA, Institute for Economic Forecasting-NIER, Romanian Academy, Bucharest
Green clusters for a digital age

12.30 - 13.30 LUNCH BREAK

13.30 - 13.45 BEST STUDENT PAPER AWARD NOMINATION

13.45 - 15.45 PLENARY SESSION (V) - SMART LIVING

Chair: Associate Professor PhD. Mihaela CĂRĂUȘAN (SNSPA)

Professor PhD. Professor PhD. Lasse BERNTZEN, University College of Southeast Norway
Smart Cities and Smart Energy. Reducing the environmental footprint through regulations, incentives and social awareness

Ing. Valentin BERCA, SC BRK Systems SRL, Craiova, Romania
Smart City standardization concept - Working Groups

Adriana MIRCEA, Iridex Group, Bucharest, Romania
Iridex - A Champion for Environmental Solutions

Md Nazirul Islam SARKER, School of Public Administration, Sichuan University, Chengdu, China
Smart City for Smart Citizen: Dimensions, Challenges and Opportunities for Developing Country

Ulpiu BOTEZATU, Romanian Space Agency, Bucharest
Vertical governance: politics of outer space and urban security

Emil VELCEA, Independent researcher
Smart Cities: interactive, adaptive and self-organising entities

Oana-Alexandra MORCAN, Vasile Goldis” Western University of Arad, Romania
Social innovation - between public policy and overriding need in working with people with Alzheimer's dementia and carers: Pilot Respiratory Pilot Response Centre

Laura MALITA, West University of Timisoara, Romania
Gabriela GROSSECK, West University of Timisoara, Romania
Simona SAVA, West University of Timisoara, Romania
Mădălin BUNOIU, West University of Timisoara, Romania
Timisoara, on the way of becoming a smart and learning city

15.45 - 16.00 COFFEE BREAK

16.00 - 18.30 PLENARY SESSION (VI) - FUTURE TRENDS

Chair: Lecturer PhD. Cătălin VRABIE (SNSPA)

PhD student Cristina ȘICLOVAN, National University of Political Studies and Public Administration, Bucharest, Romania
Smart city war on fat

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Spela VEROVSEK, University of Ljubljana, Faculty of Architecture, Ljubljana, Slovenia
Matevz JUVANCIC, University of Ljubljana, Faculty of Architecture, Ljubljana, Slovenia
Tadeja ZUPANCIC, University of Ljubljana, Faculty of Architecture, Ljubljana, Slovenia
Data-driven support for smart renewal of urban neighbourhoods

Nicolaie MOLDOVAN, Alba Iulia Municipality, Alba Iulia, Romania
Alba Iulia Smart City 2018 Pilot Project

Mihai GRECU, Institute for Information Society Development, Chisinau, Republic of Moldavia
Ion COȘULEANU, Institute for Information Society Development, Chisinau, Republic of Moldavia
Electronic services in local communities in the Republic of Moldova - between wishes and possibilities

Lecturer, PhD. **Carmen SĂVULESCU**, National University of Political Studies and Public Administration, Bucharest, Romania
Lecturer, PhD. **Corina Georgiana ANTONOVICI**, National University of Political Studies and Public Administration, Bucharest, Romania
Alba Iulia – Landmark for Smart Cities in Romania

Associate professor, PhD. **Cezar Corneliu MANDA**, National University of Political Studies and Public Administration, Bucharest, Romania
Lecturer, PhD. **Cristina Elena NICOLESCU**, National University of Political Studies and Public Administration, Bucharest, Romania
Financing - the greatest challenge for smart cities. Case Study

Associate Professor PhD. **Mihaela CĂRĂUȘAN**, National University of Political Studies and Public Administration, Bucharest, Romania
Smart ethics: a core challenge for the digital future of the Romanian civil service

PhD. Candidate **Lidia-Gabriela HERCIU**, National University of Political Studies and Public Administration, Bucharest, Romania
Smart Organizations, Smart Managers

PhD. Candidate **Costinel ȘERBAN**, National University of Political Studies and Public Administration, Bucharest, Romania
PhD. student **Mihai Nicolae POPESCU**, University Politehnica of Bucharest, Romania
Digitalization of information and total access. Future Trends to a National Digital Library

PhD. Researcher **Ioan-Liviu CHIRCĂ**, National University of Political Studies and Public Administration, Bucharest, Romania
Computational mathematical modelling in public administration, law and social management

Diana Georgiana MOSNEANU, National University of Political Studies and Public Administration, Bucharest, Romania
Corporate Governance in Public Administration

Professor Assistant, PhD. **Alexandra IANCU**, National University of Political Studies and Public Administration, Bucharest, Romania
Assess citizens' satisfaction with current human resource performance

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Michael KIWANUKA (PhD), Uganda Management Institute, Kampala, Uganda

Strengthening Citizen Participation through E-governance: Reality and Implications for Uganda's Local Governments

Associate Professor PhD. Radu Răzvan POPESCU, National University of Political Studies and Public Administration, Bucharest, Romania

The Impact of recent changes in labour law concerning undeclared work

Afet MAMMADOVA, Youth Club on Sustainable Development Goals in Azerbaijan, Baku, Azerbaijan

How to stimulate small entrepreneurship in Azerbaijan?

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

Development of marginalized urban areas

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

Tina MITRE, Independent researcher, Bucharest, Romania

Bike Sharing – a Smart Mobility Means of Improving Public Transport in Bucharest

PhD. Candidate Luminița IORDACHE, National University of Political Studies and Public Administration, Bucharest, Romania

Challenges of the public administration in governing a Smart city

Lecturer PhD. Catalin VRABIE, National University of Political Studies and Public Administration, Bucharest, Romania

A stylish operation - The Flame

18.30 - 19.00 CLOSING SESSION, FINAL REMARKS & MOST ACTIVE PARTICIPANT AWARD NOMINATION*

Saturday - December 9, 2017

A single (but full) day trip to either Bran for the Dracula Castle or Sinaia for the Peleş Castle, and Braşov as being one of the most beautiful cities of Romania and a Smart City too. 100% Romanian experience!! If you would like to join the group, please register at the registration desk on the very first day of the conference.

*In order to receive a diploma for being the Most Active Participant, you need to share on Facebook your thoughts, pictures and video clips related to the Fifth Edition of the Smart Cities Conference (December 7-8, 2017) by using #SCC2017.