

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



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. **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

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

Maria-Manuela CATRINA, Ministry of Communications and Information Society, Romania

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)

Cristian BOTAN, Coalition for Digital Economy, Bucharest, Romania

Going digital: How technology can save government

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?

Ing. Valentin BERCA, SC BRK Systems SRL, Craiova, Romania

Smart City standardization concept - Working Groups

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

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

Nicolaie MOLDOVAN, Alba Iulia city hall, Alba Iulia, Romania

Alba Iulia Smart City 2018 Pilot Project

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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

Deddy S BRATAKUSUMAH, PhD, National Development Planning Agency (Bappenas), Jakarta, Republic of Indonesia
Smart City Concept in Indonesia: An Implementation Analysis

Andreea Cristina KISPÁL, Oracle Romania, Bucharest, Romania
Implementing the Digital Agenda for Europe in Romania. Case Study: National Electronic Payment System (Ghișeul.ro)

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

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

Boban DAVIDOVIĆ, 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

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

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16.15 - 16.30 COFFEE BREAK

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

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

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

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

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

Alex NDUHURA MCIPS, School of Business and Management, Uganda Management Institute, Kampala, Uganda
Godfrey MUGURUSI PhD, School of Business and Management, Uganda Management Institute, Kampala, Uganda
Jemimah NINSIIMA ACCA, School of Business and Management, Uganda Management Institute, Kampala, Uganda
Paul WANUME MCIPS, School of Business and Management, Uganda Management Institute, Kampala, Uganda
Benedict MUGERWA MCIM, School of Business and Management, Uganda Management Institute, Kampala, Uganda
Smart Cities and Supply Chains; A Developing Country's Perspective and Lessons From International Experience, A case study: Kampala City Council Authority (KCCA) & City of Kigali Rwanda

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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. 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

Daniel BREBENARIU, Municipality of Resita, Romania

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

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

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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Paul WANUME (MCIPS), Uganda Management Institute, Kampala, Uganda

Alex NDUHURA (MCIPS), Uganda Management Institute, Kampala, Uganda

Benedict MUGERWA (MCIM/Urban Management Specialist), Uganda Management Institute, Kampala, Uganda

Jemimah NINSIIMA (FCCA), Uganda Management Institute, Kampala, Uganda

Unmasking the true incurred costs of motorbike (boda boda) transport in Kampala Capital City Authority (KCCA); Strategies towards uplifting bottom of the pyramid through transport strategy in upcoming smart city

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

Diana Mariana POPA, University Politehnica of Bucharest, Romania

Bucharest in Dutch language online video travel stories

Md Nazirul Islam SARKER, School of Public Administration, Sichuan University, Chengdu, China

Smart City for Smart Citizen: Dimensions, Challenges and Opportunities for Developing Country

Ulpia BOTEZATU, Romanian Space Agency, Bucharest

Vertical governance: politics of outer space and urban security

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

Valerii LOGVINOV, Odessa National Polytechnic University, Ukraine

Natalia LEBID, Odessa National Polytechnic University, Ukraine

Is the Smart Cities of Hybrid Model of Local Government - the Type III Cities: Four Possible Answer

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

Amitava BASU, Centre for Environmental Management & Participatory Development, New Delhi, India

People Make a City Smart

15.45 - 16.00 COFFEE BREAK

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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

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

Huan XU, Tsinghua University, Beijing, China

Fangtao LIU, Tsinghua University, Beijing, China

A study on the problems, logic and path of the iterative development of smart cities in China

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

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

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

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

Innovative technologies for a smart and healthy environment

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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

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

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

Development of marginalized urban areas

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

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.

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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