

CHEIKH ANTA DIOP UNIVERSITY / DAKAR



Human Geography Laboratory
FACULTY OF LETTERS AND HUMAN SCIENCES
Geography Department

INTERNATIONAL COLLOQUIUM

THE DIGITAL TERRITORIES – FIRST EDITION 2017

Topic: Smart cities at the crossroads of public policies and bottom up innovations in Southern countries

Venue: Dakar, Cheikh Anta DIOP University

Date: 21st, 22nd and 23th November, 2017

CALL FOR PAPER

I. General Context and Colloquium's argument

On account of growing urbanization in the world and the important place that Information and Communication Technologies (ICTs) occupy in our daily lives, the issue about 'smart cities' creation is more and more status enhanced by political views. It's an issue that has also been being discussed since few years in numerous scientific publications. According to the UN, world population's proportion that is living in an urban area is expected to reach 66% in 2050. This urbanization phenomenon will prove to be particularly significant, due to its quickness, in developing countries which will show records of 50% citizens in 2050 whereas their urban population reached 35% in 2015. If there is confirmation of these trends, it's more than 60% of African population that will live in a city. Yet the African continent holds world scale records with more than 3.4% average urbanization rate per year. Therefore, its urban areas are facing tremendous challenges noticed at socio-economic level as well as political and environmental level. In such a context, ICTs are set out as tools helping address resources' availability and ecological implications concerns.

Though, in the 90s and 2000s, subjects about “Information society” or “knowledge society” were undisputably under the flashing lights of researchers and decision-makers, now it’s up to ‘smart cities’ (*villes intelligentes* in french) related themes to ensure continuity. And like those former topics, this newly coined notion is being adopted by major industrial groups within digital technologies’, energy, and transportation sectors; by citizen services specialized enterprises, and also by some municipalities eager to be at the forefront of innovation about these topics.

The ‘Smart city’ is a social project based at the same time on sustainability, inclusiveness and prosperity. It’s a population-centered view that favours three components (infrastructures, institutions and legal framework) and includes many scopes: urban planning, development of infrastructures and services, environment sustainable management, development and social inclusion, risk management, reinforcement of urban ecosystem resilience, peace and security promotion. Smart city involves an urban planning approach aiming at increasing cities’ attractiveness while minimizing their energy and environmental impact. At the same time, it requires a plurality of actors (State, local authorities, inhabitants, companies, civil society) whose roles and interrelationships should be analyzed.

Whatever being a matter of massive adherence because of the hope it arouses, ‘smart city’ doesn’t refer to a type of innovation that is common to all territories at global scale. Instead, the cities reveal some constituent models that are specifically theirs. For example, while leadership in digitally related projects is a matter of central governments and local authorities in the northern countries, African public authorities seem to be much more outshining. On a continental scale, there are obviously far-reaching initiatives, namely the ‘Smart Africa’ project, which vision is to promote ICT use as a mainspring for economic growth and wealth creation. But what looks more noteworthy is the vast number of interest growth initiatives which boost remains basically connected to collaborative workspace (co-working space) and start-ups. Thus, we must wonder about the impact making, the specificity of smart city models and the urban space changes’ social acceptability conditions under influence of digital technology.

This symposium is organized by the Human Geography Laboratory and its partners. It aims at confronting views and producing shared understandings among researchers hailing from different backgrounds while handing over to policy makers, operators, to urban services managers and users. And it looks into the following issues:

- How to think out the concept of "smart city" going from specific contexts to the different experimentation fields?
- What are the territorial dynamics inherent in the digital technology use by the actors of the city?
- How are multi-stakeholder partnerships organized for a better governance of the smart city?

The symposium lies within a multidisciplinary approach and means to respond to this questioning by favouring four thematic main lines.

II. Communication Axis

Four thematic axes will articulate the debates during the symposium: (i) Theories, notions and practices of smart cities; (ii) Smart City: Urban services and innovations; (iii) Innovations' Dissemination and territorialization; (iv) Smart city governance.

Axis 1: Theories, notions and practices of smart cities

- Theoretical and methodological frameworks for the implementation of smart cities
- Multidisciplinary approaches to smart city
- Smart city models and contexts of experimentation
- Smart city's Social, political, economic and environmental dimensions

Axis 2: Smart city: Urban services and innovations

- Access to ICTs, digital technology use and innovations
- Tools, applications and objects connected with urban areas
- Mobility and transport in the days of smart areas
- Access to information and administrative documents in a smart city

Axis 3: Innovations' Dissemination and territorialization

- States and local authorities faced with challenges of the digital technology
- Gaps and new patterns of social inequality and exclusion
- Digital Innovations and Partnerships for Social Dissemination
- Regulatory framework and benchmarks for digital linked action

Axis 4: Smart City Governance

- Promotion of Smart cities: Which Public Policy?
- Institutional framework: Smart city's governance scheme and structures
- Smart city: Discussing Financial and technical engineering
- City-dwellers and communities inside a smart city

III. Submission of papers and posters

The call for papers for this symposium is open to academics and field practitioners (from government, local authorities, NGOs, companies). It seeks for original contributions that have never been presented in a lecture or conference, or submitted to any newspapers for publication.

1) Instructions to Authors

The symposium will emphasize on knowledge value increasing connected with digital technology use in order to address the needs of urban populations. So it requires different matters:

- Recent research results or ongoing research;
- Situational diagnostics, states of the art or industrial developments (telecoms sector);
- Significant experiences in the field of ICT in urban areas.

Interested authors may submit original works to present during the colloquium in the form of communication, poster or IT application.

Papers must be written in French (official language used during symposium) or in English.

Authors who are supposed to present are invited to abide by the following scientific instructions: focus on theoretical aspects, corpus, methodology, inventory of fixtures, and on analysis.

2) Submission of propositions' abstracts

Abstracts must be 2,500 characters maximum, or about 250 words. The submission is exclusively online via this proposition or poster application form. Deadline for proposition is March 31st, 2017 at midnight (GMT).

3) Submission of papers and posters

Submission of articles and posters will be done after acceptance of your proposition's abstract. So, you will have to send your complete article (Maximum of 15 pages in Word Process format including: text, illustrations and bibliography) or your Poster (in Powerpoint format) to the following email addresses:

colloqueterinum@geographie-ucad.org and **ibrahima.sylla@ucad.edu.sn**

Deadline for submission of articles and posters is 31st July, 2017.

4) Submitting Applications to the SideEvent

A SideEvent will be organized on the fringe of the colloquium in order to enhance the status of the actors' creativity. We refer to computer field and telecommunications sectors involved actors who propose innovative solutions to meet the needs of the population.

To present your application during this symposium, you must fill out the tool presentation application form. A jury will select best applications which presentors will be rewarded by the colloquium's partners.

IV. Evaluation criteria

Received propositions will be submitted to a double-blind evaluation process. Articles also will be evaluated.

Here are the aspects that will be taken into account:

- How paper or poster's topic is related to the symposium's thematic axis;
- The article or poster's interest and relevance for the symposium's participants (international audience);
- The scientific and / or professional value of the contribution or poster;
- The quality of writing and presentation of proposed contents.

Results will be communicated to authors via email right after each evaluation process.

V. Important dates

- Deadline for abstracts submission: 31st March 2017
- Deadline for notification of abstracts' acceptance: 20 April 2017
- Deadline for submission of papers: 31 July 2017

- Final decision deadline and notification to authors: August 31, 2017
- Date of Colloquium: 21st, 22nd, and 23rd November 2017 at the Cheikh AntaDiop University in Dakar.

VI. Exploiting symposium results

All articles approved by the selection committee will be published in the colloquium proceedings. The best papers selected by the Scientific Committee will be published in a special issue in the journal "*Espaces et Sociétés en Mutations (ESM)*" by the department of Geography (Dakar CAD University), or in the framework of Collective work emanating from the different axis.

VII. Symposium Committees

- **Scientific Committee**
 - LatSoucabéMbow (Department of Geography, UCAD)
 - Olivier Sagna (EBAD, UCAD)
 - Emmanuel Eveno (LISST-Cieu, University Toulouse 2 Jean-Jaurès)
 - Amadou Diop (Department of Geography, UCAD)
 - Jean-Jacques Guibbert (LISST-Cieu, Toulouse 2 Jean-Jaurès University)
 - MalickNdiaye (Ministry of Posts and Telecommunications)
 - Alioune Badiane (Urban Think Tank Africa)
 - GoraMboup (Global Observatory linking Research to Action),
 - Alain François Loukou (University of Bouaké)
 - Serigne Mansour Tall (UN Habitat)
 - Mamadou Ndiaye (CESTI, UCAD)
 - Cheikh Guèye (Enda Third World)
 - Michel Lesourd (University of Rouen)
 - Oumar Cissé (IAGU)
 - Pascal Sagna (Department of Geography, UCAD)
 - Alain Kiyundou (University of Bordeaux 3)
 - StephaneRican (University Paris West Nanterre)
 - Sylvestre Ouédraogo (University of Ouaga 2)
- **Sponsorship Committee**
 - Ibrahima Thioub (Rector of Cheikh AntaDiop University)
 - SalifDiop (Department of Geography, UCAD)
 - Aminata Ndiaye (Department of Geography, UCAD)
 - Amadou Abdoul Sow (Dean of Faculty of Arts)
 - TahirouDiaw (Department of Geography, UCAD)
 - Ibrahima Niang (DISI, UCAD)
 - Annie-Chéneau Loquay (University of Bordeaux)
 - Mor Faye (UFR CRAC, UGB)
 - MawloudDiakhaté (Geography Department, UGB)
 - Papa Sakho (Department of Geography, UCAD)
 - Mamadou Sarr (Ciaq)
 - Alioune Kane (Department of Geography, UCAD)
 - NdiacéDiop (Department of Geography, UCAD)

- Cheikh Samba Wade (Geography Section, UGB)
- **Organization Committee**
 - Ibrahima Sylla (Department of Geography, UCAD)
 - MomarDiongue (Department of Geography, UCAD)
 - Mountaga Diallo (Department of Geography, UCAD)
 - Mame Cheikh Ngom (Department of Geography, UCAD)
 - NdèyeNgomPouye (Department of Geography, UCAD)
 - Pierre Diouf Sarr (Department of Geography, UCAD)
 - Agnès Daba Thiaw (Department of Geography, UCAD)
 - Labaly Touré (Geography Department, UGB)
 - Sidia Badiane (Department of Geography, UCAD)
 - Edmée Mbaye Diouf (Department of Geography, UCAD)
 - Anastasie MendyBèye (Department of Geography, UCAD)
 - Cheikh Diop (Department of Geography, UCAD)
 - Abdoulaye Diagne (Department of Geography, UCAD)
 - Patrice Correa (UFR CRAC, UGB)
 - Banel Ly Sow (DGPUD)
 - Pierre Corneille Sambou (Department of Geography, UCAD)
 - Amadou Abou Sy (Department of Geography, UCAD)
 - Ibrahima Sy (Department of Geography, UCAD)
 - Mamadou Bouna Timéra (Department of Geography, UCAD)
 - Diouma Diallo (UFR CRAC, UGB)
 - Aminata NiangDiene (Department of Geography, UCAD)
 - Diène Dione (Department of Geography, UCAD)
 - YakhamDiop (Department of Geography, UCAD)
 - Awa FallNiang (Department of Geography, UCAD)

VIII. Terms and conditions

Participants need to bear their own air fares and subsistence expenses related to their participation in this colloquium. However, some contributors coming from abroad can be supported financially, upon justified request. Also, as initiator of the symposium, the Laboratory of Human Geography will deal with any practical arrangements to facilitate participants stay in Dakar (Information about visas, practical advice, hotel contacts, airport shuttle, etc.).

IX. Partners of the Colloquium

- Cheikh Anta Diop University / Dakar
- Gaston Berger University / Saint-Louis
- Jean-Jaurès University / Toulouse
- Francophone West Africa eAtlas Network
- Enda Third World
- PRECISION Group
- Territorial Governance institute
- 'Journal Universitaire' Online Newspaper.

