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London South Bank TechnologyAkure

# JOINT INTERNATIONAL CONFERENCE

Co-Sponsored by Federal University of Technology Akure (FUTA), Nigeria, De Montfort University Leicester, (DMU), UK; London SouthBank University, London, (LSBU), UK.

# **CALL FOR PAPERS**

We cordially invite you to submit papers to the joint international conference organised by FUTA, DMU & LSBU. To share and impart knowledge through high quality theoretical and emperical research papers, case studies and literature reviews from all over the world. The conference is to be held in The Federal University of Technology, Akure (FUTA) -Nigeria

**21**st - **24**th March, 2016

## THEME

## 21ST CENTURY HUMAN HABITAT: ISSUES, SUSTAINABILTY AND DEVELOPMENT

# **SUB-THEMES**

#### Innovations, Environmental Friendliness and Adaptability

- Sustainability in Architecture and the Built Environment Response of the Building Industry to Climate Change
- Climate Change and Security of Life and Properties, and ecosystem management
- Energy Conservation in Buildings Indoor Air Climate, Architecture and Biomimicry
- Smart Buildings: Policy, Designs and Innovations
- Green Ecology and Sustainable Urban Planning
- Energy, Waste Management and Industrialisation
- Information management for sustainable Built Environment
- Socio-economic considerations in 21st Century Human Habitat
- Building Materials, Technology and Fabric Pathology

#### Real Estate, Valuation and Management

- Cost and Value Management Land Accessibility, Property and Values and Development
- Project and Risks Management
- Construction Management, Procurement and Project Delivery Systems
- Litigation and landed property and boundaries adjustment
- Housing, Finance, Investment and Asset Management
- Transport Management

#### Landscape Design, Tourism, Remote Sensing and Industrial Design

- Landscape Design, Tourism and Sustainable Environment
- Spatial and Geo-Information and Mapping Environmental Modelling, Remote Sensing and GIS for sus-
- tainable Development Ceramics, Textiles and Graphic Communication

## Physical Planning, Urban Renewal and Urban Poverty Urban poverty and Local Economic Development

- Infrastructure Development and Urban Sustainability Slum development and Urban Renewal
- Building Regulation, Planning and Development Control Regional Planning and Rural Development

#### Architecture and National Development

- Architecture and Gender/identity
- Architecture and Nationalism Architecture of Developing Economies
- Current Issues in Architecture

#### **Education and Professional Ethics**

- Architectural Education, Architectural Representation, Architecture and Media, Education in Environmental Sciences and Engineering: Curriculum Development, Pedagogy, Research Methodology
- Continuing Professional Development Professional Liability and Ethics
- Current Issues in Architecture

# KEYNOTE SPEAKERS

Professor Olurinde Lafe BSc (Unilag), DHE (Delft), MS (Cornell), PhD (Cornell) Professor- School of Engineering and Engineering Technology Director- Centre for Renewable Energy Technology, Federal University of Technology, Akure

Title of Paper- Uninterrupted, Multi-sourced and Distributed Clean Energy Generation

Professor Charles Egbu- BSc (Leeds, UK); PhD (Salford, UK) Professor of Project Management and Strategic Management in Construction Dean, School of the Built Environment and Architecture, London South Bank University, London, UK Title of Paper: Contributions of Knowledge Management to Effective Decision Making in Sustainable Development Projects

#### Professor David Turnbull

Professor of Architecture at the Cooper Union in New York City, USA Held Professorship at the University of Bath, University of Toronto and Columbia University Director of ATOPIA\_Innovation LLC, ATOPIA\_Research INC Fellow of the Royal Society for the Arts in the UK Title of Paper- To be announced

## PAPER SUBMISSION

Interested Authors are to follow the guidelines in preparing abstracts/manuscripts/posters for submission by visiting the Conference website www.jic.futa.edu.ng for details. Deadline for Abstract Submission -20th Sept 2015 Acceptance of Abstracts (Max 250 words, 5 Keywords) -15 Oct 2015 Deadline for Submission of Full Paper - 30th Nov 2015 Notification of Acceptance of Full Paper - 31st Dec 2015 Camera Ready Paper Deadline - 20th Jan 2016 Submission should be done electronically via email: futalsbudmujic@futa.edu.ng

# **TARGET PARTICIPANTS**

- Academics
- Built Environment and Allied Professions
- Students
- Policy Makers
- · Multi-lateral and Unilateral Agencies

## CONFERENCE SECRETARIAT

2016 Joint International Conference The Federal University of Technology Akure. email (futalsbudmujic@futa.edu.ng)

#### Dr Dorcas Aveni +2348037006788,

Conference Secretary

Mr. O. S. Adetunii +2348066063229 Tech Secretary

Conference Chair: Professor Charles Edbu Co-Chair : Professor Olatunde Arayela Co Chair. Prof Raymond Quek Co Chair. Ass. Prof O. J Ebohon Co Chair. Dr Dorcas Aveni

# PUBLICATION

All accepted papers will be included in the conference proceedings and published online with www.iiste.org . Also, selected papers will be published in the Journal of Architectural Engineering Technology ISSN: 21636717, and other International Journals. All publications will be indexed in major indexing platforms. Certificate of attendance will be awarded



# 21st Century Human Habitat: Issues, Sustainability and Development. $21^{st} - 24^{th}$ March 2016

## **Registration Form**

Name:	
Designation:	
Organization:	
Address:	
Tel:	
Email:	
Paper title (If applicable)	
Subtheme (If applicable)	

I am interested in:

[] submitting a paper for the Joint International Conference abstract via email to *futalsbudmujic@futa.edu.ng* 

[ ] participating as a delegate. Please place me on the mailing list for more information on the conference

[] participating as a sponsor. Please send me more information.

[] are you interested in attending the complimentary conference tour? If yes, what is the size of your T-Shirt?

> [ ] small [ ] medium [ ] large [ ] XL [ ] XXL [ ] XXL

[] I am not interested in attending the complimentary conference tour.

Please fill form online or email this reply slip to the Conference Secretariat to *futalsbudmujic@futa.edu.ng* 

## Welcome

Welcome to the maiden edition of the joint International conference co-sponsored and organised by the Federal University of Technology, Akure, Nigeria; London South Bank University, London, United Kingdom and De Montfort University, Leicester, United Kingdom.

The conference aims to bring together researchers, practitioners, students in the built environment to share and impart knowledge through high quality theoretical and empirical research. It will also serve as a fora to stimulate debate and discussions between Built Environment Professionals and researchers from around the world and provide the basis for new areas of research in the built environment.

## Motivation

Sustainability suffuses all we do and is, arguably, the globally talked about concept and, perhaps, least understood. This is partly due to the level of complexity associated with how the discourse around sustainability issues is framed, how the contexts associated with it are imagined; how the challenges associated with it are addressed and engaged, and how the resources and solutions offered are meaningfully operationalised. The lens at which we use to view sustainability is seemingly the problem and the solution at the same time – and therein lies the conundrum.

At the same time, few would question the power that lies within a collective and a channelled effort, where there is sense making, joined up thinking, and the sharing of lessons learned in addressing key sustainability issues in pursuant of key 21<sup>st</sup> century human habitat needs, expectations and desires. A host of stakeholders have a significant role to play in this regard, not the least of which are governments, practitioners, communities, academics, the third sectors, and users. The wider architecture, engineering and construction (AEC) sectors consume in excess of one-third of our energy use; over one quarter of all raw materials; and about half of our water use. In addition to this all other sectors are serviced or service the AEC sectors. The issue becomes one of interconnectedness and complexity, calling for interdisciplinary, joined-up, and holistic considerations. There is much to know and share.

Indeed, human habitat in the 21st century calls for more proactive efforts in its design construction, and delivery so as to ensure true sustainable developments.

In view of this, the conference seeks to explore key concepts, issues, and prospects of effective sustainable developments and delivery as it relates to the human habitat; with a view to joining forces in advancing our knowledge in this critical area of academic research and practice.

#### Who Should Attend

Target participants in the joint international conference include Academics, Built Environment and Allied Professions, Students, Policy and Makers, Multi-lateral and Unilateral Agencies.

#### **Conference Sub-Themes**

#### Innovations, Environmental Friendliness and Adaptability

- Sustainability in Architecture and the Built Environment
- Response of the Building Industry to Climate Change
- Climate Change and Security of Life and Properties, and ecosystem management
- Energy Conservation in Buildings
- Indoor Air Climate, Architecture and Biomimicry
- Smart Buildings: Policy, Designs and Innovations
- Green Ecology and Sustainable Urban Planning

- Energy, Waste Management and Industrialisation
- Information management for sustainable Built Environment
- Socio-economic considerations in 21<sup>st</sup> Century Human Habitat
- Building Materials, Technology and Fabric Pathology

#### **Real Estate, Valuation and Management**

- Cost and Value Management
- Land Accessibility, Property and Values and Development
- Project and Risks Management
- Construction Management, Procurement and Project Delivery Systems
- Litigation and landed property and boundaries adjustment
- Housing, Finance, Investment and Asset Management
- Transport Management

#### Landscape Design, Tourism, Remote Sensing and Industrial Design

- Landscape Design, Tourism and Sustainable Environment
- Spatial and Geo-Information and Mapping
- Environmental Modelling, Remote Sensing and GIS for sustainable Development
- Ceramics, Textiles and Graphic Communication

#### **Education and Professional Ethics**

- Architectural Education, Architectural Representation, Architecture and Media, Education in Environmental Sciences and Engineering: Curriculum Development, Pedagogy, Research Methodology
- Continuing Professional Development
- Professional Liability and Ethics
- Current Issues in Architecture

#### Physical Planning, Urban Renewal and Urban Poverty

- Urban poverty and Local Economic Development
- Infrastructure Development and Urban Sustainability
- Slum development and Urban Renewal
- Building Regulation, Planning and Development Control
- Regional Planning and Rural Development

#### **Architecture and National Development**

- Architecture and Gender/identity
- Architecture and Nationalism
- Architecture of Developing Economies
- Current Issues in Architecture

#### **Conference Venue**

The Federal University of Technology, Akure, Nigeria

#### **Chief Host**

The Vice Chancellor

Professor Adebiyi Gregory Daramola

## **Hosting School**

School of Environmental Technology

#### **Dean of School**

Professor J.A.B Olujimi

### Language

The official language of the conference is English

### **Call for Abstracts/Full Papers**

Participants are invited to submit an abstract, relating to the conference themes. The abstract should be in English (preferably in MS Word) not exceeding 250 words, on A4 size page. Paper title, Name(s) of Author(s), Affiliation(s) and Contact information should be on separate page from the abstract. Please do not indicate name or contacts on the abstract page. The abstract should be emailed to the conference secretariat (futalsbudmujic@futa.edu.ng) on/before 20<sup>th</sup> of September, 2015.

All abstracts should be structured as follows:

- **Title**: the title should be short, preferably less than 18 words
- Author (s): Provide contact details for the author(s) including names, Surname, Organisations, email and full postal address.
- Background: short summary of relevant background and problem addressed
- **Objectives:** Objectives of the work presented in the paper
- Methodology: Describe briefly the methodology that you are using, or have used to achieve your objectives.
- **Results:** Provide short summary of the results
- **Recommendation:** Provide short recommendation
- Conclusion: Concluding words
- **Keywords:** Provide up to five (5) keywords

For full paper, please refer to www.jic.futa.edu.ng.com and submit via email futalsbudmujic@futa.edu.ng

#### **Important Dates**

Deadline for submission of Abstract: 20th September, 2015

Acceptance of Abstract: 15<sup>th</sup> October, 2015

Deadline for submission of full paper: 30th November, 2015

Notification of Acceptance of full paper: 31st December, 2015

Conference Date: 21<sup>st</sup>-24<sup>th</sup> March, 2016

All submissions should be done electronically via futalsbudmujic@futa.edu.ng

#### **Publication**

All accepted papers will be included in the conference proceedings and published online with <u>www.iiste.org</u>. Also, selected papers will be published in the Journal of Architectural Engineering Technology ISSN: 21636717, and other International Journals. All publications will be indexed in major indexing platforms.

Certificate of attendance will be awarded

### **Conference Fees**

Early Birds: 1<sup>st</sup> October – 31<sup>st</sup> December 2015 Participants (International) - USD 250 Participants (Local) - <del>N</del>50, 000.00 Graduate Students (International) - USD 100 Graduate Students (Local) - <del>N</del>20, 000.00

## Late Registration: 1<sup>st</sup> January - 21<sup>st</sup> March 2016

Participants (International) - USD 300 Participants (Local) - <del>N</del>60, 000.00 Graduate Students (International) - USD 150 Graduate Students (Local) - <del>N</del>30, 000.00

Transportation Cost from Lagos to Akure and back to Lagos for International participants – USD 25

#### **Conference** website

www.jic.futa.edu.ng

#### **Conference Secretariat and Contacts**

Joint International Conference 2016 The Federal University of Technology Akure. Email: <u>futalsbudmujic@futa.edu.ng</u> Email: <u>futalsbudmujic@futa.edu.ng</u> +2348037006788, +2348066063229

## **Conference** Chair

Professor Charles Egbu **Co-Chair** Professor Olatunde Arayela Professor Raymond Quek Ass. Professor O. J. Ebohon Dr. Dorcas .A. Ayeni

#### **Organising Bodies**

- The Federal University of Technology, Akure, Nigeria *School of Environmental Technology*
- London South Bank University, London, United Kingdom School of the Built Environment and Architecture
- De Montfort University, Leicester, United Kingdom *School of Architecture*

#### **Keynote Speakers:**

Professor **Olurinde Lafe** *BSc (Unilag), DHE (Delft), MS (Cornell), PhD (Cornell)* Professor- School of Engineering and Engineering Technology Director- Centre for Renewable Energy Technology, Federal University of Technology, Akure Title of Paper- Uninterrupted, Multi-sourced and Distributed Clean Energy Generation Professor **Charles Egbu-** BSc (Leeds, UK); PhD (Salford, UK) Professor of Project Management and Strategic Management in Construction Dean, School of the Built Environment and Architecture, London South Bank University, London, UK Title of Paper: Contributions of Knowledge Management to Effective Decision Making in Sustainable Development Projects

#### Professor David Turnbull

Professor of Architecture at the Cooper Union in New York City, USA Held Professorship at the University of Bath, University of Toronto and Columbia University Director of ATOPIA\_Innovation LLC, ATOPIA\_Research INC Fellow of the Royal Society for the Arts in the UK

- Prof. O. Arayela, Federal University of Technology, Akure, Nigeria (Chair)
- Prof. J.O. Okunlola, Federal University of Technology, Akure, Nigeria
- Dr. A.E. Ajayi, Federal University of Technology, Akure, Nigeria
- Prof. A. Aborisade, Federal University of Technology, Akure, Nigeria
- Prof. Y.A Asiwaju-Bello ,Federal University of Technology, Akure, Nigeria
- Dr. A.F. Lawal, Federal University of Technology, Akure, Nigeria
- Dr. O.A. Awodele, Federal University of Technology, Akure, Nigeria
- Dr. F.K. Omole, Federal University of Technology, Akure, Nigeria
- Dr. A.A. Emmanuel, Federal University of Technology, Akure, Nigeria
- Dr. Dorcas A. Ayeni, Federal University of Technology, Akure, Nigeria
- Mr. Ebenezer Olajuyigbe, Federal University of Technology, Akure, Nigeria
- Mr. Adegbenro Adebayo, Federal University of Technology, Akure, Nigeria
- Mr. K. Ayeni, Federal University of Technology, Akure, Nigeria
- Mr. O.S. Adetunji, Federal University of Technology, Akure, Nigeria

#### **International Organising Committee**

- Prof. Biyi Daramola, Federal University of Technology, Akure, Nigeria
- Dr. Dorcas A. Ayeni, Federal University of Technology, Akure, Nigeria
- Prof. Charles Egbu, London South Bank University, London, United Kingdom
- Dr. Alex Opoku, London South Bank University, London, United Kingdom
- Prof. Raymond Quek, De Montfort University, Leicester, United Kingdom
- Ass. Prof. John Ebohon, De Montfort University, Leicester, United Kingdom

#### **Scientific Review Committee**

- Prof. Raymond Quek, De Montfort University, UK
- Prof. Charles Egbu, London South Bank University, UK
- Prof. John Ebohon, De Montfort University, UK
- Prof. O. Arayela, Federal University of Technology, Akure, Nigeria
- Dr. James Brown, De Montfort University, UK
- Dr. F.K. Omole, Federal University of Technology, Akure, Nigeria
- Prof. J.A.B. Olujimi, Federal University of Technology, Akure, Nigeria
- Dr. Ahmed Taki, De Montfort University, UK
- Dr. Yuri Hadi, De Montfort University, UK
- Dr. Louis Gyoh, Ahmadu Bello University, Nigeria

- Dr. Jean-Pierre El-Asmar, Notre Dame University, Lebanon
- Dr. Dorcas A. Ayeni, Federal University of Technology, Akure, Nigeria
- Prof. Theodore Haupt, University of KwaZulu-Natal, South Africa
- Dr. Ama Eyo, Bangor University, Wales, UK
- Prof. E.B. Ojo, Federal University of Technology, Akure, Nigeria
- Prof. P.D. Rwelamila, University of South Africa (UNISA), Johannesburg, South Africa
- Prof. M.O. Bello, Federal University of Technology, Akure, Nigeria
- Dr. Rukayyatu B. Tukur, Ahmadu Bello University, Zaria
- Prof. D.R. Ogunsemi, Federal University of Technology, Akure, Nigeria
- Prof. T.O. Idowu, Federal University of Technology, Akure, Nigeria
- Prof. Abiodun Olotuah, Federal University of Technology, Akure, Nigeria
- Dr. O.A. Awodele, Federal University of Technology, Akure, Nigeria
- Prof. Oyedele Lukomon, University of West of England, Bristol, UK
- Prof. Paul Olomolaiye, University of West of England, UK
- Prof. Chimey Anumba, Penn State University, USA
- Prof. David Proverb, University of the West of England, UK
- Dr. Clinton Aigbovboa, University of Johannesburg South Africa
- Prof. J. A. Fadamiro, Federal University of Technology, Akure, Nigeria
- Prof. Alfred Ngowi, Central University of Technology, Free State, South Africa
- Prof. Arif Mohammed, University of Salford, UK
- Dr. Phillip Orumwense, Department of Public Works & Pensions, UK
- Dr. Tim Ireland, De Montfort University, UK
- Dr. B.C. Arimah, UN-Habitat, Nairobi, Kenya
- Prof. Carlos Formoso, Federal University of Rio Grande do Sul, Brazil
- Prof. Wilhelm Alfen, Bauhaus Universitat, Germany
- Dr. Clement Folorunso, Federal University of Technology, Akure, Nigeria
- Dr. Zinas Bako Zachariah, Modibbo Adama University of Technology, Yola, Nigeria
- Prof. Masahiko Kunishima, University of Tokyo, Japan
- Prof. Raymond Nkado, University of the Witwatersrand, South Africa
- Dr. Le Anh Dung, Hanoi University of Architecture, Vietnam
- Prof. Kihong Ku, Philadelphia University, USA
- Dr. A. A Taiwo, Federal University of Technology, Akure, Nigeria
- Dr. Hakeem Owolabi University of West England Bristol, UK
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- Dr. Alex Opoku, London South Bank University, UK
- Prof. Andy Ford. London South Bank University, UK
- Prof. Akintola Akintoye, University of Central Lancashire, UK
- Prof. Dilanthi Amaratunga, University of Huddersfield, UK
- Dr. Ashwini Konanahalli Queen's University of Belfast, UK
- Dr. Olugbenga Akinade University of West England Bristol, UK
- Dr. Edward Ochieng, Liverpool John Moores University
- Dr. A.A. Emmanuel, Federal University of Technology, Akure, Nigeria
- Prof. David Proverbs, University of West of England, UK

- Prof. Ting Ya, National Central University, Taiwan
- Dr. Samson Matiko, University of Dar es Salaam, Tanzania
- Dr. Hafiz Alaka University of West England Bristol, UK
- Dr. Muhammad Bilal University of West England Bristol, UK
- Dr. Wannawit Taemthong, King Mongkut Institute of Technology, North Bangkok, Thailand
- Prof. Sherif Mohammed, Griffith University, Australia
- Prof. Christian Brockmann, University of Applied Sciences, Bremen, Germany
- Prof. Leke Oduwaye, University of Lagos, Nigeria

For more details, visit <u>www.jic.futa.edu.ng.</u>

See Letter for Visa Requirement below



## 21st Century Human Habitat: Issues, Sustainability and Development.

21<sup>st</sup> – 24<sup>th</sup> March 2016

Letter for Visa Requirement

Name:
Designation:
Organization:
Address:
Passport number:
Country:
Place of Issue:
Date of Issue:
Expiry Date:
Tel:
Email:
Paper ID:
Paper title /ID (If applicable)
Subtheme (If applicable)

Would you like to be picked from Murtala Mohammed (MMA) International Airport to Akure, the Location of the Conference Venue? This attracts additional cost.

[] Yes [] No

For additional details and conference fee, Visit the Conference website <u>www.jic.futa.edu.ng</u> or email the Conference Secretariat at <u>futalsbudmujic@futa.edu.ng</u>