

Opening and welcome

Chair: Ravindra Gettu, IIT Madras, India

Praia (Cabo Verde) UTC-1	Accra (Ghana) UTC/WET/GMT	Lagos (Nigeria) UTC+1/WAT/GMT+1/CET	Joburg (S. Africa) UTC+2/SAST	Nairobi (Kenya) UTC+3/EAT
7:10 to 7:30	8:10 to 8:30	9:10 to 9:30	10:10 to 10:30	11:10 to 11:30

Welcome on behalf of University of Lagos

Dr. Kolawole Adisa Olonade, University of Lagos, Nigeria

Welcome on behalf of IIT Madras and RILEM

Prof. Ravindra Gettu, IIT Madras, India

Welcome on behalf of BAM and the BMBF-funded Local-Care Project

Dr. Wolfram Schmidt, BAM, Germany

Welcome and introduction to the GLOBE consensus

Johan Vyncke, WTCB, Belgium

Welcome and introduction of the RILEM Youth Council

Nonkululeko Radebe, KIT, Germany / Joanitta Ndawula, UCT, South Africa

Sustainable materials solutions

Chair: Wolfram Schmidt, BAM, Germany

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7:30 to 9:15	8:30 to 10:15	9:30 to 11:15	10:30 to 12:15	11:30 to 13:15

Bio-based cement replacement potentials in Africa

Dr. Kolawole Adisa Olonade, University of Lagos, Nigeria

Future cement solutions for tropical climatic conditions

Prof. Manu Santhanam, IIT Madras, India

Specific African durability challenges

Prof. Mark Alexander, UCT, South Africa

Short virtual break

Urbanisation challenges

Chair: Patience Tunji-Olayeni, Covenant University, Nigeria

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9:30 to 11:15	10:30 to 12:15	11:30 to 13:15	12:30 to 14:15	13:30 to 15:15

Circular economic potentials in urban construction with bio-based concrete constituents

Dr. Wolfram Schmidt, BAM, Germany

Transition to industrialized housing construction in developing economies

Firehiwot Nesro Kedir, ETH Zürich, Switzerland

Importance of balance between urban growth and rural development

Nonkululeko Radebe, KIT, Germany

Virtual lunch break

Inclusive, socio-economically sound urban planning

Chair: Henri van Damme, The Joint CNRS-MIT Laboratory, USA

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12:00 to 13:45	13:00 to 14:45	14:00 to 15:45	15:00 to 16:45	16:00 to 17:45

Unformal African architectures

Kuukuwa Manful, SOAS University of London, UK

An eight year old's perspective of an urbanised Africa

Ester Kamaara, Star Kids Initiative, Kenya

Conservation of cultural heritage, of traditions and the environment for prosperity

Prof. Eduardo Pereira and Prof. Tiago Miranda, University of Minho, Portugal

Short virtual break

Circular economies and climate change

Chair: Kolawole Olonade, UNILAG, Nigeria

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14:00 to 15:45	15:00 to 16:45	16:00 to 17:45	17:00 to 18:45	18:00 to 19:45

GHG from construction materials and role of life cycle engineering to mitigate impacts

Prof. Sabbie Miller, UC Davis, USA

Urban metabolism to demonstrate material and energy flows in cities

Prof. Nadine Ibrahim, University of Waterloo, Canada

Methodological framework for adopting digitalisation in deconstruction management

Prof. Jin Ruoyu, London South Bank University, UK

Closing

Virtual exchange possibility