



"GPE-KIX/IDRC PROJECT"

CONNECTED LEARNING FOR STEM

FOR TEACHER CAPACITY BUILDING IN STEM (CL4STEM)

CL4STEM 2023 INTERNATIONAL SYMPOSIUM

THEME: INNOVATIVE APPROACHES TO STEM INSTRUCTION AND TEACHER CAPACITY BUILDING

PLENARY TOPICS

1. SOUTH-SOUTH PARTNERSHIP MODEL FOR STEM TEACHER PROFESSIONAL DEVELOPMENT
Representative Speaker: TISS
2. COMPARATIVE REPORT OF THE IMPACT OF THE CL4STEM PROJECT ON NIGERIA, TANZANIA AND BHUTAN STEM TEACHERS' KNOWLEDGE, ATTITUDE AND PRACTICE
Representative Speakers: TISS & Bhutan
3. STEM TEACHERS INNOVATIVE INSTRUCTIONAL PRACTICES THAT FOSTER HIGHER ORDER THINKING WITH INCLUSION AND EQUITY IN STEM TEACHING AND LEARNING ACROSS COUNTRY CONTEXTS OF NIGERIA, TANZANIA AND BHUTAN
Representative Speakers: Nigeria & Bhutan
4. A COMPARATIVE EFFECTIVENESS OF THE CL4STEM ONLINE COMMUNITY OF PRACTICE ON NIGERIA, TANZANIA AND BHUTAN STEM TEACHER CAPACITY BUILDING
Representative Speaker: TISS & Tanzania
5. NEWLY QUALIFIED STEM TEACHERS' PERCEPTION OF THE LEVEL OF USE OF CL4STEM CURATED OPEN EDUCATION RESOURCES ACROSS COUNTRY CONTEXTS OF NIGERIA, BHUTAN AND TANZANIA
Representative Speakers: Tanzania & Nigeria
6. SCALING STRATEGIES FOR CL4STEM PROJECT
Representative Speaker: TISS

SUB-THEMES

1. INNOVATIVE APPROACHES TO TEACHER CAPACITY BUILDING IN STEM
2. ASSESSMENT TECHNIQUES FOR HIGHER ORDER THINKING WITH INCLUSION AND EQUITY IN STEM
3. EQUITY AND INCLUSIVE CLASSROOM PRACTICES IN STEM
4. STUDENTS' MISCONCEPTIONS AND LEARNING DIFFICULTIES IN STEM
5. INTEGRATING EMERGENT TECHNOLOGIES IN STEM TEACHING AND LEARNING
6. TECHNOLOGY ADAPTATION FOR STEM TEACHER PROFESSIONAL DEVELOPMENT
7. TEACHER CAPACITY BUILDING IN STEM THROUGH AN ONLINE COMMUNITY OF PRACTICE
8. GENDER EQUITY AND SOCIAL INCLUSION IN STEM
9. TECHNO-PEDAGOGICAL CONTENT KNOWLEDGE AND PRE-SERVICE STEM TEACHER EDUCATION
10. SCALING STRATEGIES FOR CL4STEM PROJECT

GUIDELINES FOR SUBMISSION OF ABSTRACT

Connected Learning For STEM Project wish to call for abstract from Academics, Researchers, Educationist, Policy Makers, Administrators etc. for CL4STEM 2023 International Symposium.

Abstract of not more than 300 words should be submitted as Microsoft Word document with the following formatting; Font type; Times New Romans, Font size; 12, Line spacing; Single. The title should be in Bold Title Case, Centered and should not contain more than 20 words. Common superscript(s) in numbers should be used to indicate Name of the author(s) and the affiliation(s) of the author(s) which should include department(s) and name(s) of their institution(s). An asterisk(*) should be used to indicate the corresponding author; his/her email address and phone number must be provided. Abstract should be submitted online via this **Google form**: <https://cutt.ly/CL4STEMSymposium> on or before 30th November, 2023. All accepted abstracts will be published in the book of abstract

DECEMBER 5TH – 8TH , 2023

5TH TUESDAY DECEMBER, 2023
ARRIVAL

6TH DECEMBER, 2023
OPENING CEREMONY
STAKEHOLDER'S INTERACTION SESSION

7TH DECEMBER, 2023
PLENARY TALKS SESSION
TEACHERS EDUCATOR INTERACTION SESSION
WORKSHOP: (i) Curation of Open Educational Resources for STEM
(ii) Social Media Analysis

8TH DECEMBER, 2023
DEPARTURE



REGISTRATION LINK
<https://cutt.ly/CL4STEMSymposium>

VENUE: IBB UNIVERSITY AUDITORIUM, LAPAI, NIGER STATE, NIGERIA.

Keynote Speaker
Prof. Padma Sarangapani
TISS Mumbai, India

LOC Chairman
Prof. Tajorden Mustapha
CL4STEM Research Leader
IBB University, Lapai, Nigeria

Host
Prof. Nuhu Obaje
CL4STEM Project Leader
IBB University, Lapai, Nigeria

Chief Host
Prof Abu Kasim Adamu
Vice Chancellor
IBB University, Lapai, Nigeria

Royal Father of the Day
His Royal Highness
Engr. Umar Bago Tafida
Emir of Lapai

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