



Universidade Rovuma,  
Mozambique



## Announcement & Call for Papers



### Nampula, Mozambique

**18<sup>th</sup> Conference on Mathematics, Science and Technology Education in Africa  
[COMSTEDA 18] and Annual SMASE-Africa Delegates Meeting  
2<sup>nd</sup> – 6<sup>th</sup> NOVEMBER, 2020 IN NAMPULA, MOZAMBIQUE**

**Theme: *Teacher Professional Development in Africa: Knowledge, Skills and  
Values in STEM Learning Environments***

#### **ABOUT COMSTEDA**

COMSTEDA is a continental platform for educators to share innovative ideas, best practice, and interrogate issues relating to teaching and learning mathematics and science. The aim is to strengthen the capability of youth in Science, Technology, Engineering and Mathematics (STEM) subjects for 21<sup>st</sup> century living. It brings together educators, policy makers, researchers, teachers, NGOs, and public / private sector stakeholders to present papers, posters, exhibitions and workshop concepts

#### **ABOUT AUC CESA STEM CLUSTER**

The need to enhance Science, Technology, Engineering and Mathematics (STEM) Education in Africa continues to increase aimed at achieving Sustainable Development Goals (SDGs). CESA is AUC's revolutionary approach for implementing Agenda 2063 & SDG 4 on education. The STEM cluster was launched in 2016 hosted by Kenya with mandate to operationalize CESA Strategic Objective Seven. SMASE-Africa is a member of the cluster. The STEM cluster is co-ordinated by CEMASTE, African Institute for Mathematical Sciences (AIMS) & African Academy of Sciences (AAS). The cluster serves to consolidate information on STEM education in Africa for peer learning, enhance alignment and harmony to facilitate identification and creation of synergies for efficiency and effectiveness. You are invited to join the STEM cluster & the meeting to be held during COMSTEDA 18 forum.

# Conference Strands

The organizing committee invites conference papers written under any of the following Strands

## STRAND ONE

*Teacher Professional Development in Africa: Developing Knowledge, Skills, and Values in STEM teaching & learning engagements*

1. School-based Teacher Professional Development: Policy, Strategies and Practices
2. Teacher Professional Development for Competency Based Education
3. Promising Approaches in Teacher Professional Development



## STRAND TWO

*School Culture and Learning in STEM*

1. Leadership for Learning & role of professional associations: Case Studies on Support and Supervision
2. Creating Space for in / out of school STEM Learning and application
3. Equity and Access in STEM Education
  - a. Gender-based STEM Education
  - b. Inclusive STEM Education for Learners with Special Needs
  - c. Increasing STEM Learning Outcomes for Vulnerable Children

## STRAND THREE

*STEM Curriculum Development Implementation and Assessment*

1. Learner Engagement: Evidence-based Lessons on STEM / STEAM Education
2. Pre-Service Teacher Development: Abilities, Skills and Values

### Key Dates

1<sup>st</sup> call for papers: **20<sup>th</sup> April, 2020**  
 2<sup>nd</sup> call for papers: **8<sup>th</sup> June, 2020**  
 Final call for papers: **10<sup>th</sup> Aug., 2020**  
 Submission of full papers & registration deadline: **18<sup>th</sup> Sept., 2020**  
 Pre-Conference Events: **2<sup>nd</sup> Nov., 2020**  
 Conference dates: **3<sup>rd</sup> – 5<sup>th</sup> Nov., 2020**  
 Delegates Meeting/ Excursion: **6<sup>th</sup> Nov., 2020**

## STRAND FOUR

*ICT Integration in STEM Education*

1. Resources and Solutions for STEM Learning
2. Fun Learning STEM through Games and Robotics
3. Link School and Industry on STEM Education

### Session Format

- **Paper:** 20 minutes presentation & 10 minutes QA
- **Poster** presentation includes a graphic presentation of a research study or otherwise on visual display. 3 minutes presentation and 2 minutes QA.
- **Workshops:** In-depth training or learning experiences. Presenters to pre-register for a workshop by submitting a one-page workshop concept note.
- **Innovations:** STEM-based innovations or otherwise. Show case and exhibit at the conference

### Instructions to Authors

- **Paper Abstract:** 250 words: Indicate Strand & Sub-Strand
- **Full paper: Language:** English; **Margins:** 25 mm margins all around; **Line spacing:** 1.15; **Justification Full: Font,** Times New Roman 12; **Referencing,** APA style.
- **Authors:** First name, initials, surname, affiliations and e-mail address.
- **File:** “your name\_country.doc”. (*No PDF*)
- **Images:** High resolution Joint Photographic Experts Group (JPEG or JPG) format.
- **Papers:** that meet the above criteria will be published in the Journal on STEM Education in Africa (ISSN2617-6300)

### Conference Registration

Registration fees covers admission to conference sessions, lunch, and AM / PM coffee breaks. An additional USD 50 for papers to be included in the Journal on STEM Education in Africa (ISSN2617-6300); Rates applicable for COMSTEDA 18 only

Registration fees (USD)	Early Bird 30 <sup>th</sup> Sept, 2020	Normal: From 1 <sup>st</sup> Oct, 2020
<b>FOCAL POINT</b>	USD. 180	USD. 200
<b>OTHERS</b>		
Student	USD. 190	USD. 220
Non-Student	USD. 200	USD. 250
Pre-Conference Side-Events/ exhibitions	USD. 350	USD 400

Send Abstracts / Full papers to:

[comsteda18@smase-africa.org](mailto:comsteda18@smase-africa.org)

Inquiries: [info@smase-africa.org](mailto:info@smase-africa.org)

Payments to: NCBA

Account Name: SMASE-Africa

Account No.: 654 356 0017

Branch: Mamlaka Road

S.W.I.F.T. BIC: CBAFKENX

Currency: US Dollar Account

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Email: [treasurer@smase-africa.org](mailto:treasurer@smase-africa.org)

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