

Reimagining a STEM Research Culture

Lessons Learnt from 20 years of Evolution for Inclusive Representation in Science and Engineering

Workshop Summary Report – English version

Workshop details	
Name of region	African Regional Network
Date and time	April 23th, 10 h 30 - 12 h 30 UTC
Type of workshop (dialogue/)	knowledge sharing
Lead organiser name and title	Teacher assoc. Rufina DABO SARR, ARN Chair
Lead organiser contact email	rufina.dabo@inwes.net or arn@inwes.net

Summary information	
Number of attendees	50 or 90 (ninety)
List of nations represented	<ol style="list-style-type: none"> 1. Burundi 2. China 3. North Korea 4. France 5. Germany 6. Ghana 7. Kenya 8. Nigeria 9. Sénégal 10. South Africa 11. UK

Contributors	
Chair Moderator	Teacher. Assoc. Rufina DABO SARR Dr Victoire KONDI AKARA
Presenters	<ol style="list-style-type: none"> 1. Professor Ménédore KARIMUMUYANGO 2. Professor Ruby HANSON 3. Lecturer Eva Liliane UJENEZA 4. Professor Olubukola Oluranti BABALOLA
Panellists	None

Other contributors	None
--------------------	------

Agenda

10:30am - 10:40am

Introduction Moderator

Dr. Victoire KONDI AKARA

Director INWES Francophone Africa

10:40 - 10:45 a.m.

Opening remarks

Associate Professor Rufina DABO SARR

ARN Chair

OWSD/Sénégal Chair

10:45 - 10:55 a.m.

Presentation of the WARWICK-INWES Project

Dr Jung Sun KIM

INWES Chair or the representative

PART 1

10:55 - 11:10 am

Presentation 1

Professor Ménédore KARYMUMURYAGO

University of Burundi

OWSD/Burundi Chair

11:10 - 11:25 am

Presentation 2

Professor Ruby HANSON

University of Education Winneba, Ghana

11:25 - 11:40 am

Presentation 3

Professor Olubukola Oluranti BABALOLA

Director OWSD Africa

11:40 - 11:55 am

Presentation 4

Lecturer of mathematics Eva Liliane UJENEZA,

Founder and Co-Chair of the Rwanda Young Academy of Science

11:55 a.m. - 12:00 p.m. BREAK

PART 2

12:00 - 12:20 pm

Contributions and questions

Participants

12:20 - 12:30 pm

Closing remarks

Professor Caroline THORUWA

AWSE Chair

Former SG of INWES

Report

Description of content of workshop

Presentations (summary)

1. Professor Ménédoire KARYMUMURYAGO

In her presentation, Professor Karymumuryago evaluated the presence of girls and women in scientific fields at all levels. Based essentially on collected data, she shared information regarding the rate of participation of scientific women in decision-making.

2. Professor Ruby HANSON

Interested in the major challenges that we are likely to confront in our personal and professional lives, Professor Hanson explored education, energy, environment, nutrition, health, poverty, insecurity, and water issues. This list is not exhaustive.

Some suggested solutions:

Provide infrastructures, equipment and reforms

Bridge the gap between theory and practice.

Integrate more real life questions into teaching programmes.

Improve the quality of teaching of science in order to reinforce knowledge and competencies in STEM subjects.

Promote apprenticeships based on experience in order to develop entrepreneurial competence.

Concentrate on the evaluation of acquired competencies.

3. Professor Olubukola Oluranti BABALOLA

-organisation for women in science in the developing world,

-the definition of STEM : knowledge, attitudes, competencies (and values) in order to identify questions and problems.

-factors influencing the inclusion of women in STEM

-suggested measures to ensure the integration of women in STEM

4. Lecturer Eva Liliane UJENEZA

In her presentation, she focussed on :

-the evolution of STEM representation in Rwanda

-the key challenges of equality and inclusion

-initiatives that aim to increase the participation of women in research.

Questions :

Some valuable contributions and questions were received.

Pr Caroline THORUWA, Présidente AWSE

Ancienne SG/INWES - Closing remarks

Resources

List here any reports, links, websites etc.

www.inwes.net

[youtube](#)

Further actions

The second webinar is scheduled for May 28, 2022