



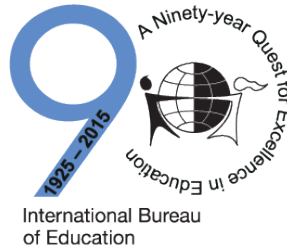
PIONEERING STEM IN AFRICA

3-4 December 2015 #LONDON

Officially Supported By



United Nations Educational, Scientific and Cultural Organization



International Bureau of Education

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Venue – The Royal Society



Preferred Airline Partner



AGENDA

Thursday, 3 December 2015 | Pioneering STEM in Africa – Day 1

08h15 | Registration & Networking Breakfast

09h00 | Chairperson's Opening address

Developing STEM in Africa

This session sets the scene for the reality of STEM in Africa, its challenges and barriers, and what is being done to address its growth.

09h10 | Panel Discussion: Strategies to promote STEM in Africa – The Governmental Agenda

Panelists:

- *January Makamba, Deputy Minister - Communication, Science & Technology, The Government of The United Republic of Tanzania*
- *Professor Colletta Akinyi Suda (Science and Technology), Principal Secretary, Ministry of Education, Kenya [invited]*
- *Hon. Prof. Naana Jane Opoku-Agyemang, Minister For Education, Ministry of Education, Ghana [invited]*
- *Naledi Pandor, Minister of Science & Technology, South Africa [invited]*

10h00 | School leadership in Africa: A focus on Nigeria (Past, Present and Future)
Dr. Oludolapo Ogunbawo, Education Consultant

10h30 | How to overcome the barriers and maximize the unique opportunities of STEM in Africa
Marieme Jamme, President, Spot One Global Solutions [invited]

11h00 | **Coffee Break**

11h15 | Key global influencers in STEM – Q&A session
Oveta Fuller, Co-Coordinator STEM-Africa, African Studies Centre [invited]
Tim Slingsby, Science Advisor, Public Engagement & STEM Education, British Council [invited]

11h50 | The need for creativity and diversity in STEM education for Africa to compete globally

- *Anne-Marie Imafidon, Founder, Chair and Head Stemettes, STEMettes*
- *Naima Bihi, Outbox Incubator Executive, STEMettes*
- *Alimat Bankole (AJ), OB Executive, STEMettes*

12h20 | Promoting agricultural biotechnology and crop research to the general public, policymakers and the media in Africa
Dr. Bernie Jones, Media Programme Director, Biosciences for Farming in Africa

13h00 | **Lunch**

Investing in STEM

This session delves into the various investment opportunities available for investors.

14h15 | Panel Discussion: Opportunities to invest in STEM

Panelists:

- *Irene Tamajong, Director, AIMS UK*
- *Marc N. Chahin, Executive Publisher, Elsevier*

14h50 | Panel Discussion: Women in STEM

Panelists:

- *Dr. Sue Black, Radical thinker, social entrepreneur, technology columnist at The Guardian and Daily Mirror, #techmums Chief Evangelist*
- *Anne-Marie Imafidon, Founder, Chair and Head Stemettes, STEMettes*
- *Marieme Jamme, President, Spot One Global Solutions [invited]*
- *Unoma Okorafor, Ph.D., Founder & CEO, WAAW Foundation [invited]*

15h45 | **Coffee Break**

16h00 | Establishing an interdisciplinary Open Access Mega-journal for Africa

EJ van Lanen, Publisher, Elsevier

Marc N. Chahin, Executive Publisher, Elsevier

16h30 | Special Session - Live Video Presentation: Partnership with the Private Sector

Arezoo Miot, Program Director, TechWomen

17h00 | Chair Person's Closing Remarks and Summary of the Key Points from Day 1

17h10| **Cocktail Reception**

18h10 | **Gala Dinner**

END OF DAY 1



AGENDA

Friday, 4 December 2015 | Pioneering STEM in Africa – Day 2

09h00 | Chairperson's Opening Remarks

Collaboration in STEM

This session will highlight the actions that need to be taken to truly achieve growth of the STEM agenda in Africa.

09h10 | Panel Discussion: Innovative collaboration by education providers, businesses and policymakers – the role each has to play in achieving growth in STEM for Africa

Panelists:

- *Jason Elsom, Global Education Leader; Non-Executive Director, ACS International Schools; Advisory Boards; Trustee*
- *Salim Belouettar, Research Group Leader, Luxembourg Institute of Science & Technology*

09h55 | Culture and Stem – Emulating best practices in North America, Europe and Asia and applying it the African way

Case Study 1: *Sanni Grahn-Laasonen, Minister of Education and Culture, Finland [invited]*

Case Study 2: *Dr David Morrison-Love, Lecturer in Technology Education & Employment, University of Glasgow*

10h55 | **Coffee Break**

Addressing STEM in Africa through Education

This session is aimed at challenging policy makers, and education providers to promote STEM by reworking education delivery at all levels.

11h10 | Redesigning the National curriculums across Africa to promote STEM

Case Study 1: *Renato Opertti, Coordinator, UNESCO - International Bureau of Education*

Case Study 2: *Professor Pai Obanya, Emeritus Professor, Institute of Education - University of Ibadan, Nigeria*

Case Study 3: *A focus on Entrepreneurship and Agriculture*

Dr. Sheriff Alabi, Consultant, African Development Bank and Chairman of TAG

12h40 | The Missing A in STEM – Injecting the Art(s) into the discussion

Audrey Dralega, Education Consultant, People and Potential

13h10 | **Lunch**

14h25 | Mathematical Sciences and the STEM Agenda for Africa

Professor Aderemi Oluyomi Kuku, President, African Academy of Sciences (AAS)

14h55 | Special Session - Live Video Presentation: The Astonishing World of Bio-Inspired Innovation - Igniting interest in STEM and catalyzing a technologically sustainable world

Sam Stier, Director, The Center for Learning with Nature

15h40 | **Coffee Break**

15h55 | STEM, Project Based Learning, and the Built Environment; Perfect Together

John Sole, CEO, Guerilla Educators

END OF DAY 2





Business Case to Attend

- Opportunity to network with thought leaders in STEM
- Access to high caliber STEM students
- Raise awareness of your Company's contribution to STEM and where you need support
- Marketing opportunities
- Cutting edge technology seminars
- Peer and Executive level networking
- Mentoring opportunities
- Learning and sharing Best Practices
- Gain an understanding of what drives Companies to invest in STEM

Who Should Attend

- ✦ Thought Leaders in STEM
- ✦ Non-profit organizations in STEM
- ✦ Market Intelligence Company Executives
- ✦ Private Equity Fund managers
- ✦ Transaction Advisory Firms
- ✦ Banks
- ✦ Mobile Telecommunication Executives
- ✦ African Regulators
- ✦ African Ministers and Government Officials
- ✦ Law Firms [African and international]
- ✦ Local and International Media Companies
- ✦ Venture Capital Funds
- ✦ Coding Companies
- ✦ Technology Editors
- ✦ Recruiters

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