

MONDAY 2ND JUNE

8:30
9:15

Opening Remarks
1. General Chair -
2. Program Overview -
3. University of Ibadan

9:15
10:00

Responsible AI: Balancing Innovation and Ethical Considerations - **Prof. Adenike Osofisan**

10:30
11:00

TEA BREAK

11:00
13:00

Introduction to NLP - **Lyngua Labs**

AI in Health - **Ajibade and Adesina**

Leveraging TinyML for Responsible and Sustainable Smart Agriculture in Low-Resource Environments - **Segun Adebayo**

13:00
14:00

LUNCH BREAK

14:00
16:00

Introduction to Computer Vision - **Dina Machuve**

Risk and Fraud Detection Analytics with R - **Prof Olubusoye**

Practical session on Multimodal AI: Combining Text, Audio & Images for Richer AI Models - **DSN/EqualyzAI**

16:00
16:30

TEA BREAK

16:30
17:30

Introduction to version control: Git and GitHub - **Dr Adeleke Bankole University of Cambridge UK**

TUESDAY 3RD JUNE

8:30
9:15

Agile Data Governance in Africa
Mourine Amutorine

AI for Livestock health
Daniel Mtembesa - Makerere University

Meaningful, Informed and Beneficial Participation in the Development and Utilisation of Artificial Intelligence for African Communities - **Thiga Moses**

9:15
9:50

TITLE TBC: **Dr. Victor Odumuyiwa - University of Lagos**

Leveraging Cloud and Encryption for Nigeria's Open Data Gateway- **Dr. Olusola Ayoola (RAIN)**

Generalized Adaptive NLP Framework for Financial Text Classification in Emerging Markets - **Blessing Oladeji, Steve Asemota**

10:30
11:00

TEA BREAK

11:00
11:45

Panel Session (Women in AI) **Prof. Yinka David-West, Dr Success Ojo, Ayodele Awe, Kemi Ariyo** to be moderated by **Zainab**

11:45
13:00

When Accuracy Lies - **Dr Sakinat Folorunso**

Solomon Nsumba-Makerere AI Health Lab, Ocular: Automated Mobile Disease Microscopy

Generalized Adaptive NLP Framework for Financial Text Classification in Emerging Markets, **Blessing Oladeji, Steve Asemota - Finance Octave Analytics**

13:00
14:00

LUNCH BREAK

14:00
16:00

Ezekiel Ogundepo - Automating Reproducibility: Leveraging Quarto and AI for Data Science

Text-Number Conversion Library for African Languages Using Pynini
Samuel Rutunda - Digital Umuganda

Robert John - IoT / Hardware

13:00
14:00

TEA BREAK

16:30
17:30

Building Responsible AI Solutions for Credit Risk and Financial Planning in Emerging Economies - **Israel Odeajo**

Generative AI - **Prof. Onidfade**

Prototyping an AI Application for finance (Tools and Techniques) - **Femi Azeez, Head of Data Science at Pastel Africa**

WEDNESDAY 4TH JUNE

8:30
9:15

TITLE TBC **Girmaw Abebe, Microsoft AI for good reasearch Lab**

9:15
9:50

TITLE TBC DSI -Africa - **Michelle**

TITLE TBC
Adetayo Bamiduro - MAX Co Ltd

Real-Time Social Sensing and Situational Intelligence for National Security-Use Case of BHT - **Bridget**

10:30
11:00

TEA BREAK

11:00
11:45

DSA Hackathon

11:45
13:00

Federated Learning - **Cecilia Adenusi**

TITLE TBC **MAX Co Ltd**

Why Automation matters - **Abd-Rashed Adeoye**

13:00
14:00

LUNCH BREAK

14:00
15:00

Towards Practical Human Pose Estimation: Knowledge Distillation for Lightweight and Deployable Models - **Clinton Mwangi Kuya, Ciira wa Maina**

Map by Feel: Perceptual Modes for Life-Like Navigation in Robots- **David Wachira Warutumo, Ciira wa Maina**

ExecuTorch , **George Gekov ARM**

15:00
16:00

Roselne isimeto - In the world of Generative AI

16:00
16:30

TEA BREAK

16:30
17:30

How We Are Building AI Expertise Across Africa - **Tejumade Afonja CISPA Helmholtz Center for Information Security**

DSA WORKSHOP PROGRAMME

THURSDAY 5TH JUNE

8:30
9:00

Opening Remarks - **Deputy Vice-Chancellor Admin**

9:00
10:00

TITLE TBC Key Note - **Neil Lawrence, University of Cambridge**

10:00
10:30

Talks: AI for Agriculture (Arogbofa)

Talks: AI for Climate(Olabamiji)

Talks: AI for Health (Main Hall)

10:30
11:00

TEA BREAK / POSTERS

11:00
12:30

Talks: AI for Education / Finance (Arogbofa)

Talks: AI for Agriculture (Olabamiji)

Talks: AI for Health (Main Hall)

12:30
13:00

Dr Ernest Mwebaze/Dr John Quinn - Sunbird AI

13:00
14:00

LUNCH BREAK / POSTERS

14:00
15:00

Keynote 3 - **Caitlin Kraft**

15:00
16:00

Talks: NLP / Generative AI(Arogbofa)-

Talks: Talks: AI for Health (Main Hall)-

16:00
17:00

Talks: NLP / Generative AI(Arogbofa)-

Talks: Talks: AI for Health (Main Hall)-