

Black in AI increases the presence and inclusion of Black people in the field of AI by creating space for sharing ideas, fostering collaborations, mentorship and advocacy. [www.blackinai.org](http://www.blackinai.org).

# Black in AI Workshop

co-located with NeurIPS 2021

## Organizers

Hameed Abdul (University of Illinois)  
Irene Nandutu (Rhodes University)  
Mírian Silva (IBM Research & UFMG)  
Salomey Osei (University of Deusto)  
Foutse Yuehgo (CNAM/ESILV & Coexel)

## Joint Affinity Poster Session

Gather Town\* - ROOM 4

\*To attend the workshop and the joint affinity poster session you must be registered for the main conference

\*\*Check the complete schedule in the time zone corresponding to your location at [neurips.cc](http://neurips.cc)

## Black in AI Accepted Papers - Joint Affinity Poster Session

Mon 6 Dec - 9 PM - 11 PM (PST Timezone) | Tue 7 Dec - 5 AM - 7AM (UTC+0 Timezone)

### Legal-BigBird: An Adapted Long-Range Transformer for Legal Documents

*Kwate Dassi, Loc\**

### BOOTSTRAPPING A CHATBOT TO IMPROVE PERFORMANCE

*Moyo, Tofara\**

### On the use of linguistic similarities to improve Neural Machine Translation for African Languages

*Tikeng, Pascal\*; NANDA ASSOBJIO, Brice Yvan; Assiene, James A*

### SautiDB-Naija: A Nigerian L2 English Speech Dataset

*Afonja, Tejumade M\*; Orife, Iroro; Mbataku, Clinton; Malomo, Ademola; Francis, Lawrence; Duru, Goodness; Dukor, Kenechi Franklin; Azeez, Oluwafemi; Mudele, Oladimeji; Okubadejo, Olumide; Nwadike, Munachiso*

### Practical Federated Learning: Empirical Evaluation of Federated Learning Techniques

*Mbuya, Jonathan Kabala\*; Yao, Shuochao; Rangwala, Huzefa*

### Combining Recurrent, Convolutional, and Continuous-Time Models with Structured Learnable Linear State-Space Layers

*Johnson, Isys\*; Gu, Albert; Goel, Karan; Saab, Khaled K; Dao, Tri; Rudra, Atri; Re, Christopher*

### Mapping Neural Machine Translation Training Dynamics in Low Resource Settings

*Richburg, Aquia\*; Capuat, Marine*

### AFRIGAN: African Fashion Style Generator using Generative Adversarial Networks (GANs)

*Oyewusi, Wuraola\*; Adekanmbi, Olubayo; Salami, Mary*

### AFRIFASHION40000: A GAN generated African Fashion Dataset for Computer Vision

*Oyewusi, Wuraola\*; Adekanmbi, Olubayo; Akinsande, Olalekan; Salami, Mary; Ibejeh, Sharon; Osakuade, Opeyemi M*

### Assisted Learning of New Languages via User Defined and Phoneme Parameterized Pronunciations

*Ganju, Siddha; Lyle, Ruthie; Dalton, Steven T\**

### Capturing fine-grained details for video-based automation of suturing skills assessment

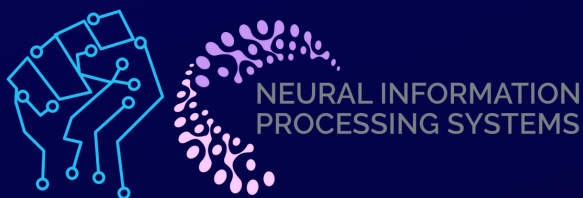
*Sunmola, Idris\**

### REAL TIME SPEECH TO SPEECH TRANSLATION

*HABETE, GETNET A\**

### LiSTra Automatic Speech Translation: English to Lingala case study

*Kabongo Kabenamualu, Salomon\**



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### Multi-Group Reinforcement Learning for Maternal Health in Childbirth

*Engelhardt, Barbara; Ekpo, Promise Osaine\**

### Forecasting Ethiopian Agricultural Commodity Price Using Time Series Features and Technical Indicators

*Abraha, Sisay Gmedhin\*; abebe, surafel*

### The State Capture Recommender System: An Unsupervised Machine Learning Approach to Topic Modelling

*Gomba, Tsholofelo\**

### Towards Table-to-Text Generation for Summarising Machine Learning Models Performance

*Ampomah, Isaac K. E\*; Burton, James; Enshaei, Amir; Al Moubayed, Noura*

### SquawkSierraTM - AI Transponder Models: How to leverage aviation transponder methods and SmartModelsTM to create an Accountable and Transparent regulatory and consumer ML ecosystem.

*Jasper, Pamela M\**

### Comparison of different architectures for classifying emotions through the face

*Silva, Carolina F\*; Freitas, Fl via*

### Hierarchical Imitation via Bayesian Meta-Learning

*Ahmed, Ahmed\**

### Accessibility of Artificial Intelligent Technologies for Persons with Disabilities and the Legal Requirements: Assessing the Situation in Ethiopia

*Anley, Muluaem Bitew\**

### Interpretable Transfer Learning for Pulmonary Disease Detection on Chest X- Rays

*Masengo Wa Umba, Papa Levi Shimbi\**

### Deep Learning Based Annotation of Datasets for Malaria Diagnosis

*Apina, Frederick R\**

### Data Mining of Malaria Data: Case of Health Districts in the South West Region of Cameroon

*Fomboh, Kuna\*; Nkweteyim, Denis*

### Graph Representation Learning of Brain Morphology in Alzheimer's Disease Using Spiral Mesh Neural Networks

*Azcona, Emanuel A\*; Besson, Pierre; Wu, Yunan; Kurani, Ajay; Bandt, S. Kathleen; Parrish, Todd; Katsaggelos, Aggelos*

### Modeling complex prosocial behavior: Robustness and neuroethics in translational rodent experiments

*Dash, Gordon\*; Kajiji, Nina; Donaldson, S.Tiffany*