

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.

Black in AI Workshop

co-located with NeurIPS 2021

Organizers

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

Joint Affinity Poster Session

Tue 7 Dec - [Gather Town](#)*

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

Black in AI Accepted Papers - Joint Affinity Poster Session

Tue 7 Dec

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; Ibeji, 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

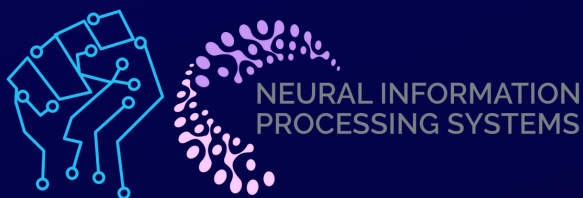
*Sunmola, Idris**

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*