

BIG DATA ANALYTICS

Christmas Research Workshop RBB LTC (morning) + LTB (afternoon), 11 Dec 2023

9:50 - 10:10 **Callum** — “Towards Interactive Anomaly Detection using Natural Language” — *RBB LTC*

10:10 - 10:30 **Eamonn** — “Windy Wind Turbines - Machine Learning, Physics, & Everything In-Between” — *RBB LTC*

10:30 - 10:50 **Lydia** — “Towards AI for approximating hydrodynamic simulations as a 2D segmentation task” — *RBB LTC*

COFFEE BREAK

11:00 - 11:20 **Ifeoluwa** - “Linguistic Differences in Climate Change Discourse on Twitter” — *RBB LTC*

11:20 - 11:40 **Sedat** - “Multi-modal learning for meme virality prediction” — *RBB LTC*

11:40 - 12:00 **Vic** — “Deep Meme Clustering with Phrase Vectors and Fine-grained Image Similarity” — *RBB LTC*

12:00 - 12:20 **Sam** — “A Multi Network Architecture for predicting the number of graphemes in English words” — *RBB LTC*

(VEGAN) LUNCH

13:00 - 13:20 **Louis, Isobel, Teri, Frances, Michael** — “Exploration of the factors that impact public perception on climate change on Twitter in the months between Dec 2020 and April 2021” — *RBB LTB*

13:20 - 13:40 **Akash, Sarah-Jane, Seph, Beth, Charlotte, Di** — “How does the intensity of language used in Twitter/X and Mastodon posts differ between apparent climate change advocates and sceptics?” — *RBB LTB*

13:40 - 14:00 **Soheil, Zoe, Ben, Osama, Ravenna** — “A comparative analysis of sentiment polarity related to climate change based on the geographic location of tweets” — *RBB LTB*

COFFEE BREAK

14:10 - 14:30 **Oyinkansola** — “Deep Learning-Based Emotion Analysis of Lyrics: Classifying songs based on their Emotional Content” — *RBB LTB*

14:35 - 14:55 **Erv** — “Synthetic Melodies” — *RBB LTB*

END