

On January 30, 2024, the ERC project AIMODELS at Ca' Foscari University of Venice hosted the poet Bruce Andrews for the presentation of Matteo Pasquinelli's book *The Eye of the Master: A Social History of Artificial Intelligence* (London: Verso, 2023) which took place at NICHE in Ca' Bottacin. The event also marked the official launch of the AIMODELS research project (2024–2028) within the Department of Philosophy and Cultural Heritage. As the project investigates AI as a form of both scientific modelling and labor automation, with a particular focus on the modelling of language, Andrews composed a ready-made poem that captures the *newspeak* of the new class of AI coders. Poetry here is a serial collage of titles drawn from computer science papers posted on the platform arxiv.org over just a two-week period in January 2024.

OPTIMAL BRAIN DAMAGE

Bruce Andrews (Venice, 30 January 2024)

Edited by Matteo Pasquinelli

Learning Phrasal Lexicons for Robotic Commands Using Crowdsourcing

Unsupervised User Intent Modeling by Feature-Enriched Matrix Factorization

Textual Event Detection Using Fuzzy Fingerprints

Metaphor detection with cross-lingual model transfer

Real world showroom

Mobile object tracker

Ubiquitous commerce — always on, always always, always pro-active

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A Shocking Amount of the Web is Machine Translated: Insights from Multi-Way Parallelism

Simulated Autopoiesis in Liquid Automata

Autoregressive fragment-based diffusion for pocket-aware design

What should I say? — Interacting with AI & Natural Language interfaces

Predicting All Links from Isolated Nodes

Uncertainty quantification ... using conformal prediction

A Survey on Game Theory Optimal Poker

Fully Spiking Actor Network with Intra-layer Connections for Reinforcement Learning

Template Filling for Controllable Commonsense Reasoning

Adaptive Data Augmentation for Aspect Sentiment Quad Prediction

Answer Polishment for Chinese Self-Alignment with Instruction Back-Translation

Image-to-Image Translation

Manipulating Feature Visualizations with Gradient Slingshots

Collaborative Noisy Label Purifier with Local Intrinsic Dimensionality Guidance

Sanity Checks Revisited: to Repair the Model Parameter Randomization Test

Opportunistic exploration of large consumer product large consumer product spaces

Multi-modal Optimization with Big Bang—Big Crunch Algorithm

Reliability Analysis of Psychological Concept Extraction & Classification in User-penned Text

Dynamically Fusing Self-Supervised Tasks for Attributed Graph Clustering

MultiSlot ReRanker

AI Art is Theft: Labor, Extraction, and Exploitation, or, On the Dangers of Stochastic (Jackson) Pollocks

Future-proofing Education: A Prototype for Simulating Oral Examinations

Cross-stream Crisis event Summarizer
Investigating Data Contamination

A debiasing technique for place-based algorithmic patrol management

Adaptive Fuzzy Filter for De-noising Images Corrupted with Salt-and-Pepper

Experimental Contexts Can Facilitate Robust Semantic Property Inference in Language Models, but Inconsistently

Freetalker: Controllable Speech and Text-Driven Gesture Generation Based on Diffusion Models for Enhanced Speaker Naturalness

Using Natural Language Inference to Improve Persona Extraction from Dialogue in a New Domain
Behavioral Cloning

Agent Alignment in Evolving Social Norms

A Multiscene Hyperspectral Benchmark Dataset of Printed Circuit Boards

Learn Once Plan Arbitrarily (LOPA)

Intelligent Data-Driven Architectural Features Orchestration for Network Slicing

The Unreasonable Effectiveness of Easy Training Data for Hard Tasks

Striking a Balance in Fairness for Dynamic Systems Through Reinforcement Learning

Learning Unsupervised Semantic Document Representation for Fine-grained Aspect Sentiment Analysis

Dimensionality-Aware Outlier Detection

A Brain-inspired Computational Model for Human-like Concept Learning

Improving Graph Convolutional Networks with Transformer Layer in social-based items recommendations

Inverse Reinforcement Learning with Sub-optimal Experts

The Stronger the Diffusion Model, the Easier the Backdoor: Data Poisoning to Induce Copyright Breaches Without Adjusting Finetuning Pipeline

FunnyNet — Multimodal Learning of Funny Moments in Videos in the Wild

Connect, Collapse, Corrupt

Fighting Fire with Fire: Adversarial Prompting to Generate a Misinformation Detection Dataset

Improving Access & Efficiency for Employees with (and without) Cognitive Disabilities

Bridging Federated Clustering & Contrastive Learning

Highly Customized Arbitrary Style Transfer

Relying on the Unreliable: The Impact of Language Models' Reluctance to Express Uncertainty

Self reinforcement for important passage retrieval

Knowledge-infused & Explainable Multimodal Attention Network for Crisis Event Classification

Decoupling Pixel Flipping & Occlusion Strategy for Consistent Benchmarks

Multimodal Learning ... using remote sensing image & multi-semantic information

Disentangled Neural Relational Inference for Interpretable Motion Prediction

Deep learning for Visual Neuroprosthesis

Decentralized Federated Policy Gradient with Byzantine Fault-Tolerance & Provably Fast Convergence

Self-Highlighted Hesitation Helps You to Decode More Truthfully

Sleeper Agents: Training Deceptive Large Language Models

Hallucination Detection & Hallucination Mitigation

Hallucination Benchmark

Code Vulnerability Repair with Reinforcement Learning & Semantic Reward

Frequency Masking for Universal Deepfake Detection

I am a Strange Dataset

A Semantic-Aware Multiple Access Scheme

Any-Way Meta Learning

Tensor Decomposition for Backdoor Attack Detection

Unleashing the Potential of Task-Irrelevant Data

Model Stitching with Static Word Embeddings for Crosslingual Zero-shot Transfer

Towards Goal-Oriented Agents for Evolving Problems Observed via Conversation

Bootstrapping Large Language Model-based Task-Oriented Dialogue Agents via SelfTalk

Bridging the Embedding Gap in the Verification of Neuro-Symbolic Programs

Design of a Reliable Edge Neuromorphic System Based on Spintronics for Green AI

Yes, this is what I was looking for

A Novel Prompt-tuning Method: Incorporating Scenario-specific Concepts into a Verbalizer

Context Aware Translation as a Controllable Method for Artistic Production

Content-Conditioned Generation of Stylized Free Hand Sketcher

Siamese Networks with Soft Labels for Unsupervised Lesion Detection & Patch Pretraining for Mammograms

A Unified Progressive Depth Pruner for Vision Transformer

Autocompletion of Complaints

Open the Pandora's Box Jailbreaking Large Language Models Through Representation Engineering

DrawTalking: Building Interactive Worlds by Sketching & Speaking

How Johnny Can Persuade Large Language Models to Jailbreak Them: Rethinking Persuasion to Challenge AI Safety by Humanizing LLMs

Singing the Body Electric: Robot Embodiment & User Expectations

Evaluating Code Generation

Mission: Impossible Language Models

From Automation to Augmentation: Large Language Models Elevating Essay Scoring Landscape

Towards Conversational Diagnostic AI

Risk Taxonomy, Mitigation, & Assessment Benchmarks

Large Language Model for Real-World Hate Speech Detection

Can Large Language Models Generate 3D Shapes with Sharp Features & Parametric Control?

Treatment-Aware Hyperbolic Representational Learning for Causal Effect Estimation for Social Networks

The Butterfly Effect of Altering Prompts: How Small Changes & Jailbreaks Affect Large Language Model Performance

LLMs are Null-Shot Learners

Dynamic Behavior of Connectionist Speech Recognition with Strong Latency Constraints

Lost in the Source Language

