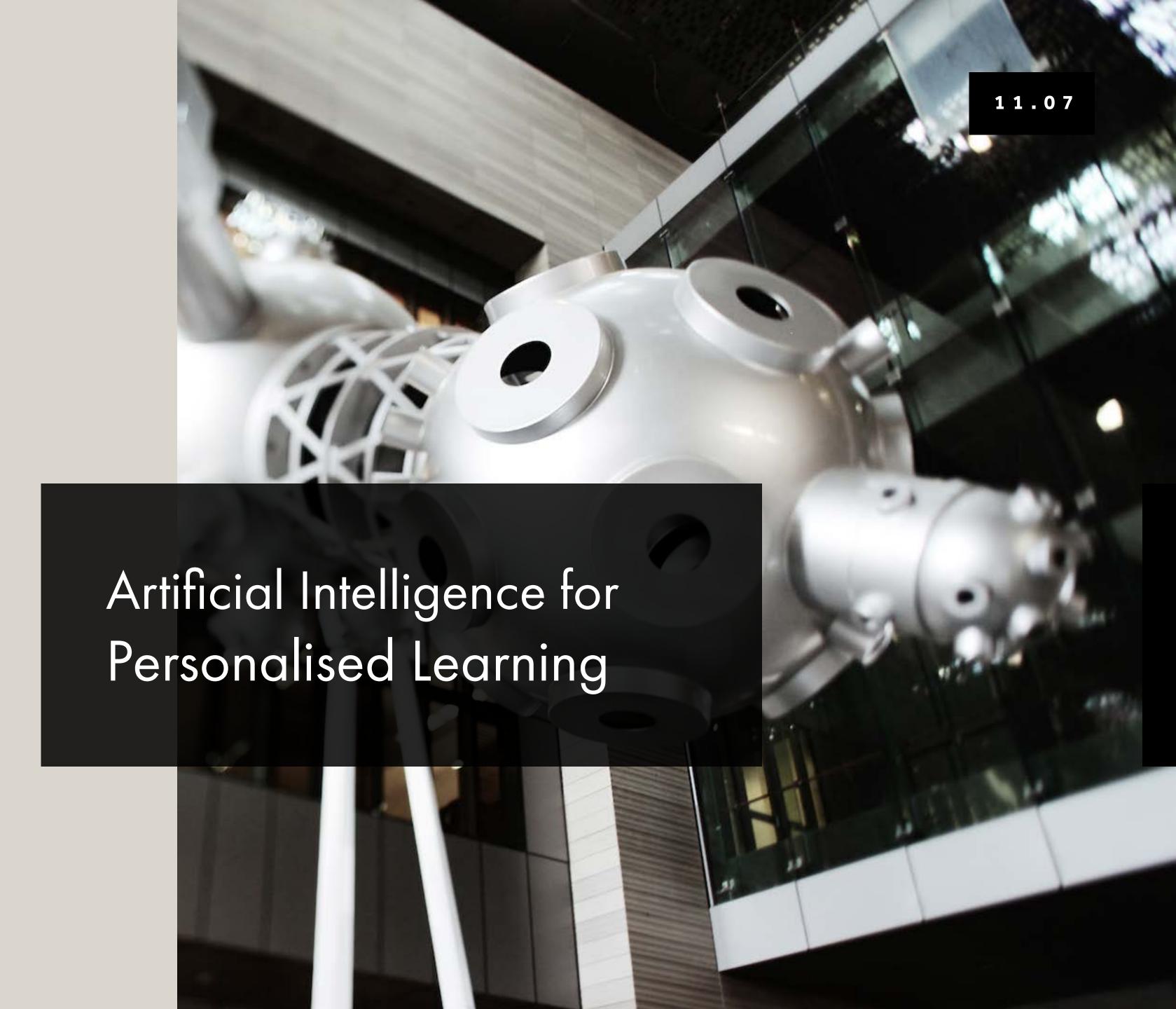




TO-DAY

TO-MORROW YESTERDAY







#### **ROOTS OF PEDAGOGY**

## ARTIFICIAL INTELLIGENCE & ADAPTIVE TECHNOLIGIES

Reflecting back on the origins of pedagogy we see dialogue and the ability to connect human beings. Recognition of such relationships enables pedagogy to be conceptualized through dialogue and associated personalized learning experiences.



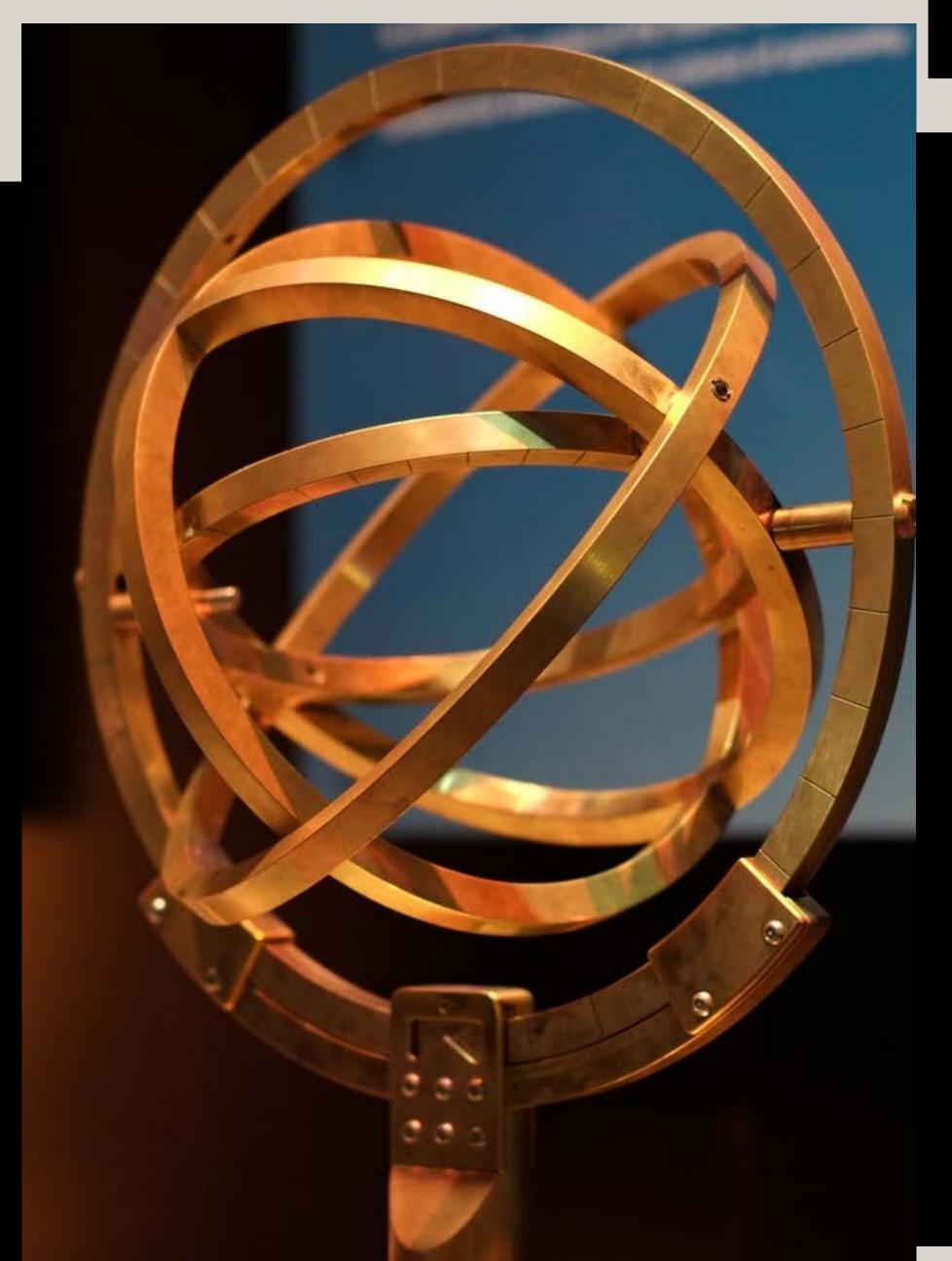




#### WAVES OF CHANGE ADAPTIVE AND PERSONAIZED

#### PERSONAL & PERSONALISED

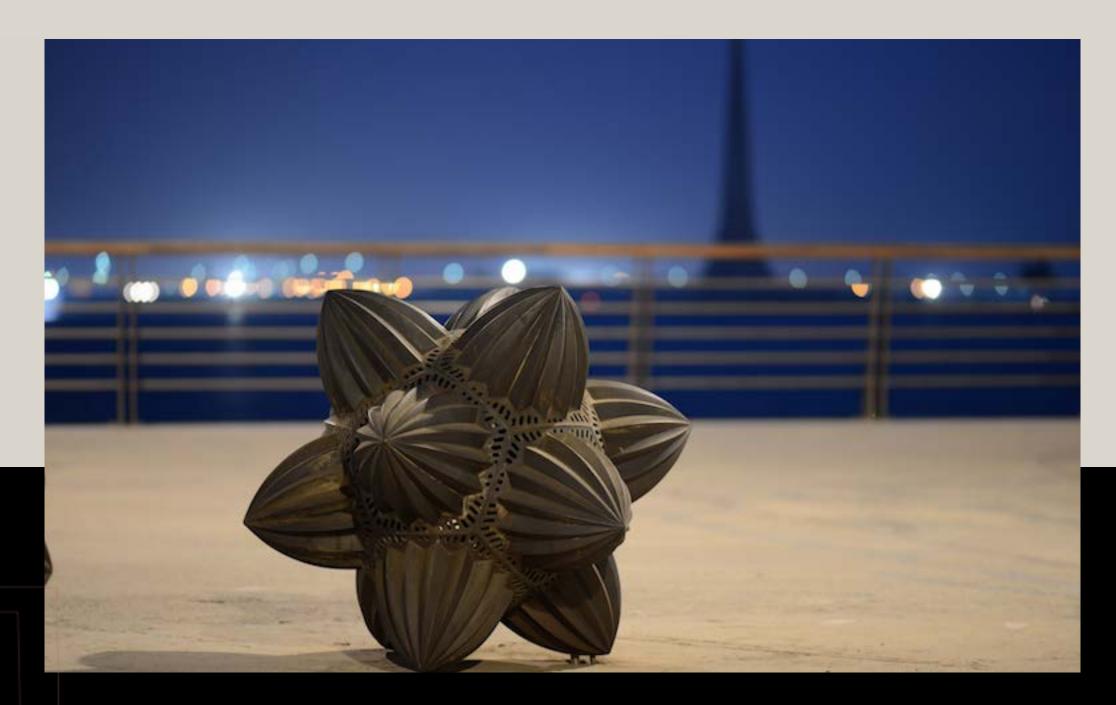
Personalized learning remains focused on customizable 'choice-driven' learning and education. This solidifies the intrinsic connection between teaching and learning through personalized technologies such as generative Al.







## CHARACTERISTICS OF ARTIFICIAL INTELLIGENCE EDUCATION



INTUITION AND DIALOGUE

#### ITERATIVE LEARNING

The role of Al in personalised learning has the potential to enable a form of iterative learning that engages a learner with intuition and dialogue.

LEVELS OF INTELLECT





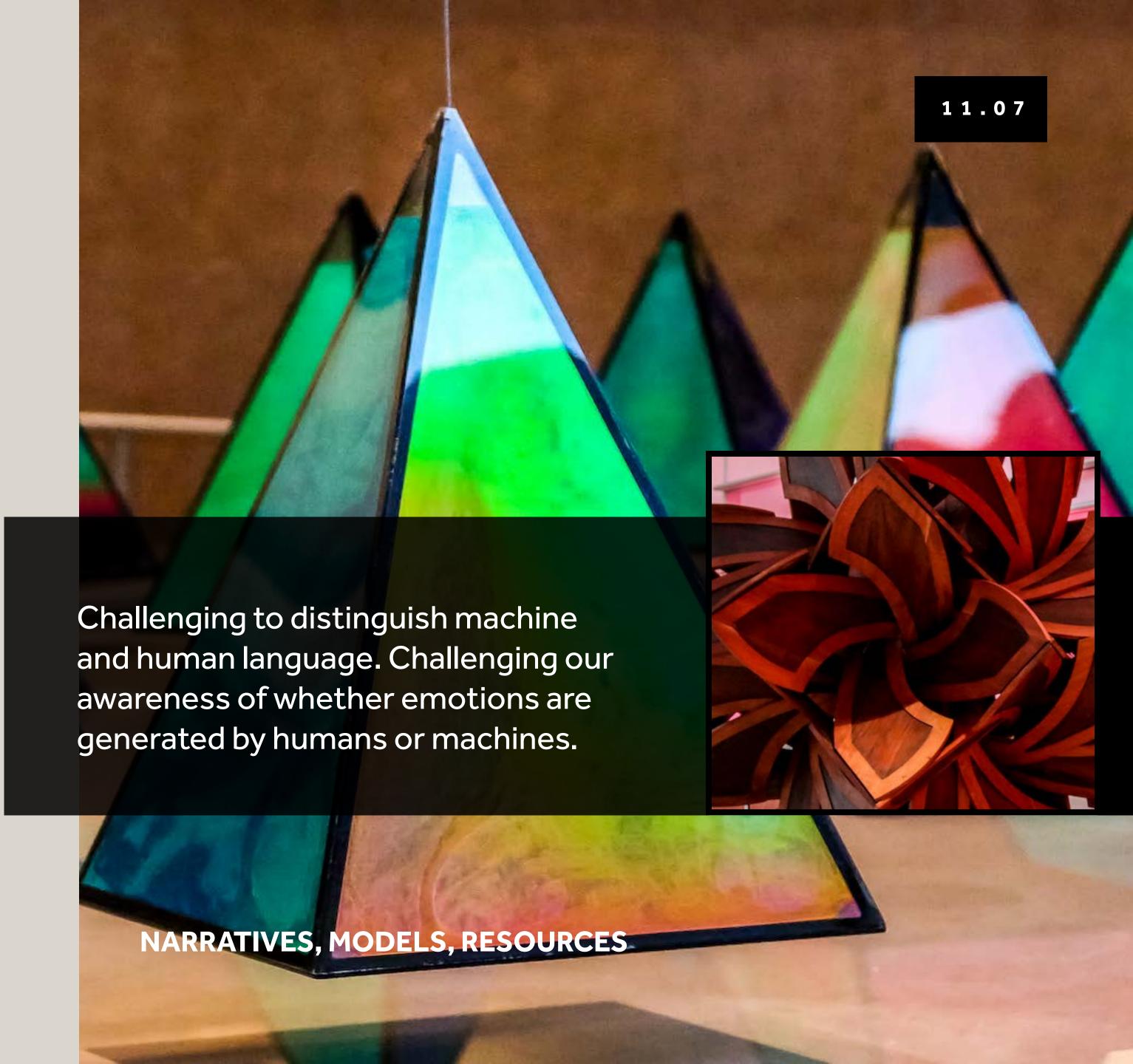
#### KEY INTERVENTIONS

NARRATIVES, MODELS, RESOURCES

Al machine narratives and insights into interdependence that is shaping language change.

Deep learning algorithms are shaping our use of online resources and associated societal biases driven by dominant cultures.

Al is dependent on the harvesting of online resources. Chatbots are trained on public data and often introduce exclusice practice.













### FINDINGS



#### **MACRO-LEVEL**

Machine Learning, Learner Analytics, Data Mining.

Changing Infrastructure
Monitoring of learning and learner modeling
Student performance

#### **MICRO-LEVEL**

Al in Instruction, Al in Learning

Adaptive learning, Open Educational Resources
Evaluation and performance prediction
Teacher–student relations





#### **PARADOX**

#### **EQUITY IN THE PERSONALISED**

Shift towards the identification of learning that learners use to shaped their personalized learning experiences.

Machines will have an increasing influence on shaping our learning.

Al models, and associated tools, have the potential to manipulate the learning experience that contrasts with the concept of the personalised



## EMBEDDING GENERATIVE AI

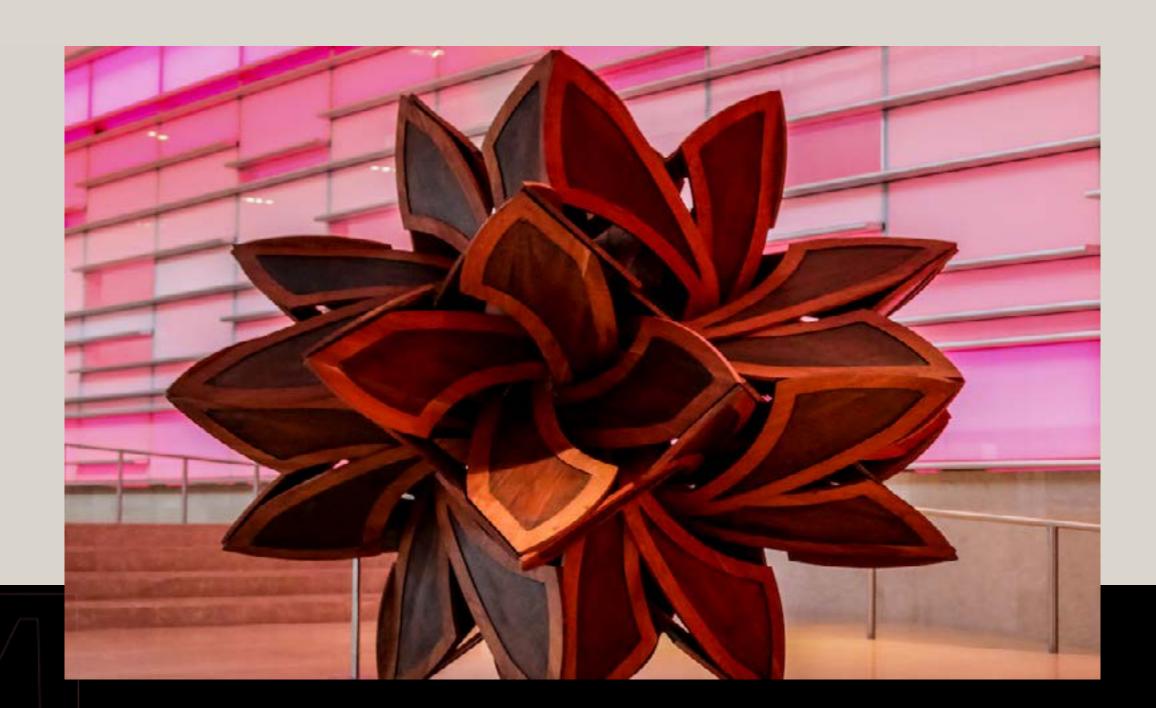
#### **ENHANCED LEARNING EXPERIENCES**

Embedding generative Al into intuitive teaching methods of the future, for many, will be underpinned by continuous tracking data, and a 'step change' in the priority being placed on enhanced personalised learning experiences for all.





# PERSONALISED LEARNING & TRANSCENDING TIME



"Language is designed to make lies sound truthful ... and to give an appearance of solidity to pure wind.

G. Orwell

"If we reject as 'mere philology' every attempt to restore for us his real poem, we are safeguarding the deceit". C.S. Lewis

**ENDURING LANGUAGE AND AC-**





# INSIGHTS FOR THE FUTURE

"Let no one say, and say it to your shame, that there was meaning here before you came"

C.S. Lewis

