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Article: **US Expert to Speak on Computers and Artificial Intelligence**

US expert to speak on computers and artificial intelligence

By a staff reporter

DUBAI — One of the world's leading experts on 'game theory' and its application in the computer industry will deliver a lecture this evening at the British University in Dubai (Buid), in Knowledge Village.

Andrew G. Gilpin, of the Carnegie Mellon University in America, will talk about how the theory – made famous by Russell Crowe's portrayal of its inventor John Nash in the Hollywood movie 'A Beautiful Mind' – has revolutionised the area of artificial intelligence.

His presentation entitled "Better Automated Abstraction Techniques For Imperfect Information Games" will include details of how intelligent algorithms allow computers to rationalise, making highly complex decisions which until recently have been solely in the human domain.

The academic will explain how advances in 'computing game-theoretic strategies' have led to computers being

able to conduct intelligent trading on electronic stock markets and even develop an artificial 'poker face' to deceive their human counterparts in card games.

"We are delighted such an authority on computer related game theory will be travelling to Dubai to explain the latest advances in this very important field," said Dr Saad Ali Amin, Head of Institute, Institute of Informatics, British University in Dubai.

"Such research is critically important to the IT industry and ultimately will affect virtually every aspect of our daily lives as tasks normally carried out by humans alone are placed in the hands of highly intelligent computers," he added.

Game theory concerns the mathematical study of strategic decision making and is widely used in the fields of economics, politics and marketing. The theory is also used to gauge the response of key stakeholders in crisis management.