



## NEWS RELEASE

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**Singapore, 4 March 2005**

### **S'PORE-US COLLABORATION TO DEVELOP BREAKTHROUGH CAPABILITIES IN CREATIVE TECHNOLOGIES**

***- NTU and DSTA join forces with USC to explore innovative applications for education, defence and entertainment industries***

Nanyang Technological University (NTU) and the Defence Science & Technology Agency (DSTA) have teamed up with University of Southern California (USC) to push new frontiers in the development of creative technologies. This collaboration is the first-of-its kind that links the local education and defence communities with the entertainment/ gaming industries, military and academia in the United States of America (US)<sup>1</sup>.

The collaboration will see research talent from Singapore and the US working closely to develop new technologies in the areas of animation, artificial intelligence, gaming as well as modeling and simulation. The collaboration is also expected to bring about innovative applications of these technologies for the different industries.

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<sup>1</sup> USC' Institute of Creative Technologies is funded by the US Army.

Dr Su Guaning, President of NTU, shares, “NTU has a strong capability in computer technology for the creative industry as well as the School of Communication and Information and the new School of Art, Design and Media. USC has the premier film school linked closely to Hollywood, as well as the US Army sponsored Institute for Creative Technologies. Joining forces along with our major sponsors DSTA in Singapore, this MOU unleashes a strong coalition to develop creative applications of technology for gaming, media, and defence applications. We in NTU look forward to collaborating with USC and engage the gaming industry as well as the Hollywood film industry.

“This collaboration with USC and DSTA is a promising beginning for NTU to develop exciting applications for security and defence. At the same time, it allows us to engage the creative industry worldwide and to benefit Singapore’s new creative industries.”

Mr Richard Lim, DSTA’s Chief Executive adds, “I am delighted that DSTA has succeeded in bridging the link between the universities and binding the tie to include exploratory work in the area of defence. I envisage that there will be huge opportunities for exchange of ideas and expertise between our local talent and their counterparts in US. We look forward to be able to apply some of these research into highly realistic and immersive applications for use in Singapore’s defence and security.”

For a start, expertise from the following schools and research centres will be tapped to work on collaborative projects:

Singapore	US
<p><u>NTU</u></p> <ul style="list-style-type: none"> <li>• Temasek Laboratories</li> <li>• School of Art, Design and Media</li> <li>• Game Lab</li> </ul> <p><u>DSTA</u></p> <ul style="list-style-type: none"> <li>• Command, Control, Communications, Computer &amp; Information Technology (C4IT) Centres</li> <li>• DSO National Laboratories</li> </ul>	<p><u>USC</u></p> <ul style="list-style-type: none"> <li>• Institute for Creative Technologies (ICT)</li> <li>• School of Cinema and Television</li> <li>• Integrated Media Systems Center</li> <li>• Information Sciences Institute</li> </ul>

Exchanges, including internships and fellowship programmes, will also be facilitated.

To mark the collaboration, Dr Su Guaning, President of NTU, Mr Richard Lim, Chief Executive of DSTA, and Mr Richard Lindheim, USC's Director of ICT, are signing a Memorandum of Understanding on 4 March 2005 at NTU.

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