

Dassault Systèmes and Harvard University Collaborate to Bring Immersive Virtual Reality to Education and Research

Harvard University Egyptology Students Gain Access to an Interactive, Immersive and Multi-Platform 3D Experience

WALTHAM, Mass. and CAMBRIDGE, Mass. — May 8, 2012 — [Dassault Systèmes](#) (Euronext Paris: #13065, DSY.PA), the 3DEXPERIENCE Company, world leader in 3D design, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions, and Harvard University today announced a project to explore the use of immersive virtual reality and interactive 3D in the education and research fields.

Harvard Egyptology students are being offered innovative courses using an immersive 3D real-time virtual reconstruction of the Giza plateau, based on actual archeological data gathered by Harvard and MFA expeditions to Egypt in the first part of the 20th century.

Peter Der Manuelian, the Philip J. King Professor of Egyptology at Harvard University, uses the immersive 3D experience to virtually transport his students to the Giza plateau itself and enhance the way ancient Egyptian history and archaeology are taught.

“The virtual environment provides a new means for learning about Egyptian civilization. The project has allowed my students and colleagues to visualize the Giza data and update and integrate them in a way that was not possible in the past,” stated Der Manuelian.

“Students transition from an environment where the instructor essentially drives the learning process to one where the students are immersed in the environment and drive the dialogue and discussion themselves,” added John Shaw, chair of Harvard’s Department of Earth and Planetary Sciences. “The technology associated with the project helps researchers portray their understanding of the past and show interpretations of the applicable science to students.”

The virtual reconstruction of the Giza plateau originated as a collaborative project between Dassault Systèmes and the Museum of Fine Arts, Boston.

Students can extend their use of the virtual environment outside the classroom by using an online version of the 3D experience. (See “Dassault Systèmes Recreates Giza Necropolis With its 3DExperience Platform” issued today, May 8, 2012)

“Until now, immersive virtual reality was mainly used by our business customers in industrial contexts,” said Monica Menghini, executive vice president, Industry, Dassault Systèmes. “Our goal is to bring these technologies also to the world of education and research to enhance the learning experience of students and facilitate research studies.”

###

About Dassault Systèmes

Dassault Systèmes, the 3D Experience Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 150,000 customers of all sizes, in all industries, in more than 80 countries. For more information, visit www.3ds.com.

CATIA, SOLIDWORKS, SIMULIA, DELMIA, ENOVIA, GEOVIA, EXALEAD, NETVIBES, 3DSWYM and 3D VIA are registered trademarks of Dassault Systèmes or its subsidiaries in the US and/or other countries.

Dassault Systèmes Press Contacts

Derek Lane (NAM)	derek.lane@3ds.com	+1 (818) 673-2243
Elena Fernandez (LATAM)	elena.fernandez@3ds.com	+1 (978) 442-2790
Virginie Blindenberg (EMEA)	virginie.blindenberg@3ds.com	+33 (0) 1 61 62 84 21
Namrata Gadhok (India)	namrata.gadhok@3ds.com	+91 (124) 457 7100
Arnaud Sobrero (AP South)	arnaud.sobrero@3ds.com	+65 6511 7942
Grace Mu (China/Taiwan)	grace.mu@3ds.com	+86 10 6536 2288
Jahyun Ahn (Korea)	jahyun.ahn@3ds.com	+82 2 3270 7893
Mari Takaba (Japan)	mari.takaba@3ds.com	+81 3 5442 6675
Arnaud Malherbe (CORP/France)	arnaud.malherbe@3ds.com	+33 (0) 1 61 62 87 73