ARS ELECTRONICA

Ars Electronica Center Linz

The World of Macroscopic Quantum Physics

Thursday, August 11, 2011 / 8-9 PM / Deep Space

(Linz, August 9, 2011) A foretaste of this year's Ars Electronica Festival—theme: "ORIGIN – How It All Begins"—is in store for visitors to the Ars Electronica Center Linz this coming Thursday evening. In Deep Space, where eight 1080p Barco Galaxy projectors cover the venue's floor and walls with breathtaking high-definition images in jumbo 16x9-meter format, Dr. Simon Gröblacher of California Institute of Technology will offer insights into the world of quantum physics. This discipline deals with the behavior of and interrelationships among the tiniest particles of matter. The Big Question among its practitioners: why have quantum effects only been observable on the part of minutely small objects up to now?

Deep Space

Deep Space in the Ars Electronica Center features projection infrastructure that is absolutely unique worldwide. Equipped with eight 1080p HD- and Active Stereo-capable Barco Galaxy NH12 projectors, crystal-clear, Deep Space awes visitors with 16x9-meter visuals projected onto the wall and floor. During the festival, the accent will be on science in Deep Space. In a unique dimension of space and time, top scientists will be able to present such complex topics as quantum physics and astronomy in vivid, fascinating ways.

Origin – How It All Begins

Ars Electronica 2011 will be dedicated to the fascinating world of leading-edge research on the basic principles of the cosmos. This year's festival is being produced in collaboration with CERN, the European Organization for Nuclear Research. With the search for the origin of all matter as its point of departure, Ars Electronica will be scrutinizing the CERN Model and the framework conditions necessary for new things to take shape. Art and science have a great deal in common here—no longer only variant manifestations of the human longing for insight, they are guarantors and indicators of a society's openness and its capacity to innovate and develop.

Ars Electronica Festival 2011: http://new.aec.at/origin/en/category/blog/
Ars Electronica Linz: http://new.aec.at/news/en/
CERN: http://public.web.cern.ch/public/
Ars Electronica Center: http://new.aec.at/center/en/about/

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