

SPILLOVER

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Project economART of AMY D Arte Spazio & Science Festival of Ge

by Anna d'Ambrosio

“Spillover” is a travel in the experimental future of nanotechnology by a group of artist who will investigate new materials, with reference to an open source platform, enabled the project “The Trasparent Dream” presented by AMY D arte spazio in may 2014.

These artists _accelerators will launch its own line for present projects to companies interested to experience the art of the future and to enter in this market.

The new experimentation starring the Chilean artist Lorena Pedemonte Tarodo who uses the Aeropon of the AMA Group Spa, insulating panel composed of nanotechnology airgel coupled with a breathable membrane in polypropylene.

In exhibition installatione “Shelter” 2014 of Lorena Pedemonte Tarodo created thanks to synergies between Kubo special effects, AMA s.p.a, AMY D Arte Spazio and Science Festival of Genova.

In vision “Mind the Gap” of the polish artist Maria Wasilewska.

The physics of graphene can prove us that the space-time is a hologram, a mirage?

If “the eresy” of physic Petr Horava proves correct, it could forever change our conception of space-time , taking us to a “theory of everything” applicable to all matter and the forces acting on it.

In His reformulation of general relativity he includes **a preferred direction of time, from past to future**, the only way in wich the universe as we observe it, seems to evolve.

“There's no big clock ticking the time of the universe” and if you want to understand “you can do without the notion of time” says Carlo Rovelli, essayst and professor of Theoretical Physics at the University Aix_Marseille.

Today the image that emerges in the physical world is that of a dance anarchist and indipendent of things than the other, without an “objective” and “absolute” time.

Our perceived time is no more than an approximation of many variables that happen at the microscopic level. The sensation of the passage of time is, in a sense, an illusion derived from incompleteness of knowledge.

“It's necessary build a new conceptual framework, that allows us to think the world, when the time is no longer a continous variable that runs on its own, but it becomes part of a cloud of probability of grains of space time.”

C. Rovelli and A.Connes propose the hypothesis of thermal time in which the time emerges only in a thermodynamic or statistical context.