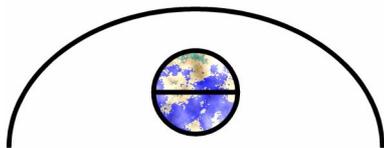


ARS MATHÉMATICA



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An event co-organized by Ars Mathematica,
(non-profit international association based in Paris, France),
and the Consulate General of France
in Hong Kong and Macau

**INTERSCULPT 2016 (Hong Kong):
QUAND LES NOMBRES PRENNENT FORME
WHEN THE NUMBERS TAKE SHAPE**

A famous sentence is attributed to Pythagoras of Samos (Greece, sixth century BCE) : "The Universe is Numbers". Anyway of the theories of this philosopher – whose work is little known, and who mixed science and spirituality – it is true that the observation of nature leads us to discover rhythms, geometries and forces, that mankind theorizes gradually with an increasing sophistication and abstraction. In a reciprocal movement of the mind, theoretical concepts, pure intellectual constructs, may one day be used to describe tangible and measurable phenomena. General Relativity gives us today a good example with the detection of gravitational waves ... 100 years after Einstein's hypothesis. And strange ideas, complicated equations of quantum mechanics, are likely to become commonplace in the future of the computer industry – just to name one example.

Since the 19th century in the West, for various (bad) reasons, the public is convinced that art, science and technology have nothing to do with each other. This is absolutely false, not only from the perspective of History, but also from an intellectual - to not say neurological - point of view. Artistic creativity and scientific creativity work the same way. Whether you are good at math, or gifted for music, in all cases you must have imagination!

Today the links between the various disciplines are objectively reinforced by the fact that researchers use the same tools: computers and networks. Science inspires artists who are curious of their time. Scientists sometimes find ideas in wandering among writers and artists. This is the "serendipity". Technology helps each other, and is improved with the demands of each other.

The two movements of the mind that we have mentioned: observation and theory, are obviously similar in fine art. Some artists produce figurative works, while the others are more abstract. But all give shape to the secret geometry of the universe.

Every year, the scientific department of the Consulate General of France in Hong Kong and Macau builds most of its projects around one major attractive topic. On the occasion of the *International Mathematics Olympiad*, in 2016 its projects will focus on mathematics. The international association ARS MATHÉMATICA, founded in 1992 in Paris, is well-known for its Art & Science events and for its Biennial INTERSCULPT devoted to *cybersculpture*. This is why the French consulate invites AM to organize a public event in June in Hong Kong, including :

- An exhibition of digital sculpture (artists from Europe, America, New Zealand, etc.).
- Workshops and demonstrations about 3D technologies : softwares, stereoscopic immersion, 3D scanner and 3D printer.
- Lectures, panels and debates.
- An international Digital Sculpture Competition, on the theme of math, numbers and geometry.

Host and partner: TBC

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