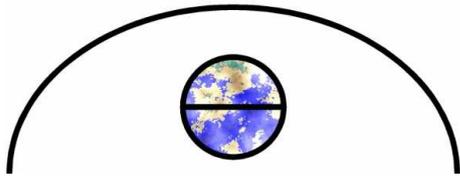


ARS MATHÉMATICA



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ARS MATHEMATICA is an international non-profit organization, founded in 1992 in France by Christian LAVIGNE and Alexandre VITKINE (1910-2014). It promotes the encounter of Art, Science and Technology, particularly the research related to digital objects in the electronic arts and the development of 3D and digital sculpture.

The association has two main aims:

> Create a multidisciplinary center for digital objects: the **CREATRON (Centre de Ressources pour l'Art la Technologie et la Recherche des Objets Numériques)**. This center concerns artists, architects, designers, researchers, engineers and the manufacturers of computers and 3D devices, etc.

> To organize encounters, symposiums, exhibitions - in particular the worldwide biennial **INTERSCULPT**, founded in 1993 by Christian LAVIGNE and Alexandre VITKINE. In 1995 it became interactif and simultaneous between France and the USA with demonstrations, video-conferencing and the transmission of files via the Web and also realization of the first international telesculpture. Various INTERSCULPT venues were/are organized simultaneously in other places around the world: UK, USA, HK, SG, AU, NZ, and West Africa... In France, the event was welcomed in Paris, in Lorraine, in Corsica...

ARS MATHEMATICA has also organized space and debates devoted to the future of work at the exhibition "**¿ Quel Travail ?**" in 2001 at the **Cité des Sciences et de l'Industrie** in Paris. It has also contributed to **MICAD**, the European Exhibition of Computer Graphic, that took place in Paris during several years. In 2006, ARS MATHEMATICA was invited to the "**Salon Européen de la Recherche et de l'Innovation**". It also participates regularly in the "**European Symposium on Rapid Prototyping and Additive Manufacturing**". AM contributed to the "**Matériaupôle Paris Val-de-Seine-Amont**" (new materials for design). The most recent thematic symposium organized by the association ("**Sculpture and Mathematics**", "**Sculpture and Biomorphism**", "**3D, Science and Cultural Heritage**", "**From the Earth to the stars: the Darwinautes' travels**") were supported by the **Fête de la Science in Lorraine**, and welcomed in Nancy and Metz. In October 2010, AM organized : "**From Earth to Space: Exobiology and Biodiversity, Biotechnology and Bioethics of Inhabited Worlds and their Artists**", exhibition + conference at the Cité des Sciences et de l'Industrie (UNIVERSCIENCE), in Paris. A new INTERSCULPT event was presented in November 2011: "**Material for Art, Art of the Material: Research, Cultural Heritage and creation**". In September 2012, AM was invited by the Musée de La Prinerie in Verdun (55-Meuse), for the **Journées Européennes du Patrimoine**.

INTERSCULPT celebrated its 20th anniversary in 2013, especially during the **European Symposium on Additive Manufacturing (AEFA - Ecole Centrale Paris)**, and during the **Fête de la Science in Corte**, at the invitation of the Pôle Territorial de Référence de la CSTI en Corse, the CPIE Centre-Corse A Rinascita. In 2014, AM was invited by the **Polytechnic University of Hong Kong**, and the **French Consulate in Hong Kong and Macau**, in the framework of **The French May: "Matières à Inventions / Materials for Inventions"** combined an exhibition, workshops and lectures. And the association contributed again to the AEFA. In February and March 2015, AM contributed to the digital sculpture exhibition of the Brown Symposium "**What Things May Come: 3D Printing in the Fine Arts and Sciences**", organized at the **Southwestern University (Texas)** under the chairmanship of Prof. Mary VISSER. In September 2015, the association organized during the **European Heritage Days** a big event at the Chateau d'Asnieres-sur-Seine (near Paris): "**From ornamental lathes to 3D Printers**". In 2016, AM contributed to the **Salon Culture et Jeux Mathématiques (Paris)**, the **AEFA/ESAM (École CentraleSupélec Paris)**, and the **Fête de la Science** in partnership with the Pays de Verdun (East of France). In 2017, 2018 & 2019, the association is again invited to the SCJM and ESAM. On May 16, 2018 AM joined the Observatoire de Paris for the International Day of Light (UNESCO), and the conferences continued there on June 28. In June 2021, the celebration of the 25th anniversary of INTERSCULPT was organized at the Galerie Maître Albert, in Paris.

The association proposed from 2004 to 2010, in Paris, a monthly public meeting with artists and scientists: the **Café des Arts des Sciences et des Techniques** (<http://web.cast.free.fr>), organized by the physicist and philosopher Simon DINER (passed away in 2013) and Christian LAVIGNE. The event was hosted at the FNAC Digitale and the **Palais de La Découverte**. This event re-start in February 2019, at the Observatoire de Paris, and then at the Gallery Maître Albert (Paris Ve).

The President of AM, Christian LAVIGNE, and the Vice-President Prof. Mary VISSER are currently preparing a book on the history of CYBERSCULPTURE.

ARS MATHEMATICA thinks that "Multidisciplinary is the future", and contributes to promote a "New Renaissance"
- the reunion of the artist, the scientist and the engineer!

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