

VIRGO MA 49-100 / 04



a project by


FABBRICAEUROPA

VIRGO MA 49-100 / 04

concept: Isabel Preuilh

suond: Eraldo Bernocchi, Alain Wergifosse, Alessandro Petrillo

new-media concept: Alvaro Una Resa, Juan Coll Soler

real time 3D design: Nicolas Garcia

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produced by: Fabbrica Europa and Emotique

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Virgo MA 49-100/04 is a project to create a new media installation inspired by the Virgo laser interferometer which is a high precision system created by the Italian National Institute of Nuclear Physics (INFN) and the French National Centre for Scientific Research (CNRS). The Virgo laser interferometer is located at the European Gravitational Observatory (EGO), in Cascina (Pisa, Italy), and registers the passage of gravitational waves using an extremely sophisticated system. The project aims to translate the scientific data of a supernova exploding or the fusion of neutron stars into images and audible sounds. The challenge for the artists and scientists taking part in the project is to merge art and science in a creative field.

The artistic direction is held jointly by Eraldo Bernocchi (Italy)- a composer who has cooperated with artists such as Bill Laswell, Prince Paul/Jungla Brothers and Gabriele Salvatores- and Alain Wergifosse (Belgium)- who is an expert in experimental music and has worked for many years in multimedia theatre. Harmonies, distortions, accelerated rhythms and electronic texture are the components which lead the listener into an organic sound mass, at times obscure and suffocating, at other times delicate and introspective.

The visual research, led by Alvaro Uña and realised by the videomaker Nicolás García (Chile), is about the creation of dynamic structures based on scientific measurement systems such as time, distance, density and weight. It offers the opportunity to consider the nature of the measurable between heaven and earth and between science, art and faith.

The phases of the project have been the identification and processing of data, musical and visual creation, the sound concept, interactions between images and sound, live performance and interaction with the audience.