Phonofolium Tetraedre

Interactive trees generating lights and sounds
Scenocosme : Grégory Lasserre & Anaïs met den Ancxt

www.scenocosme.com

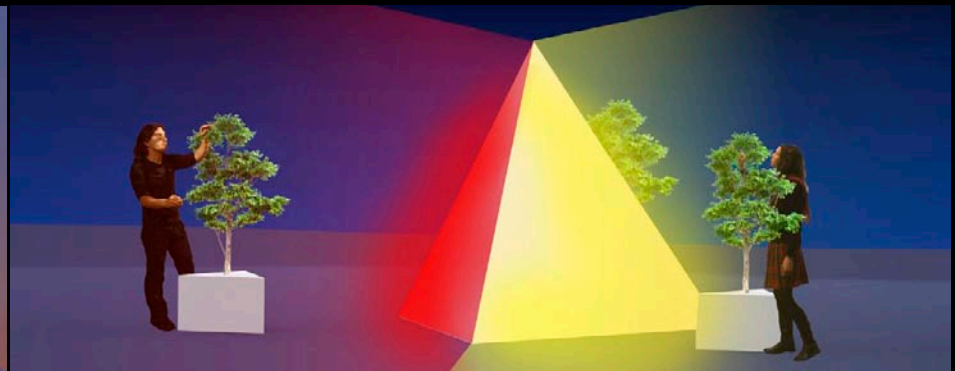Scenocosme : Grégory Lasserre / Anaïs met den Ancxt
scenocosme@gmail.com - Tel : +33 6 61 09 50 52
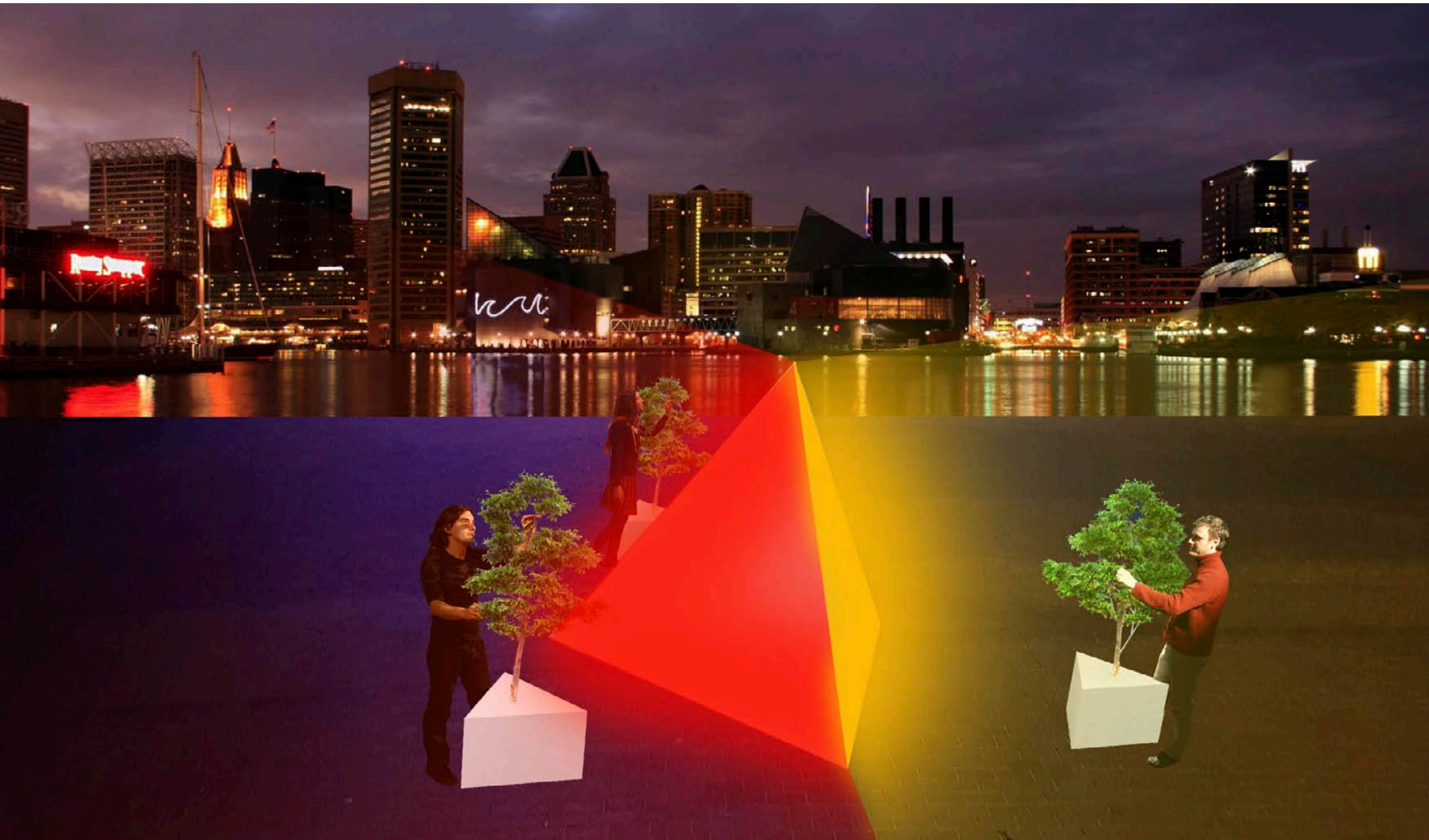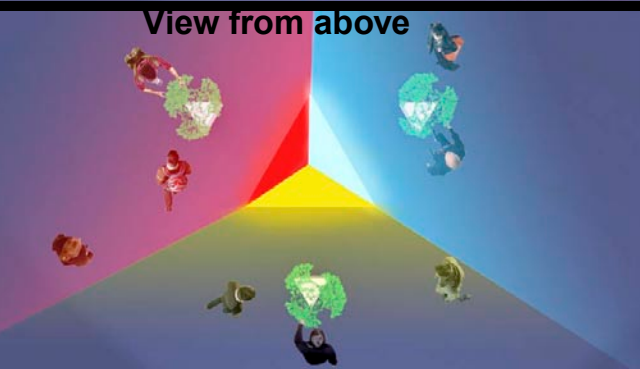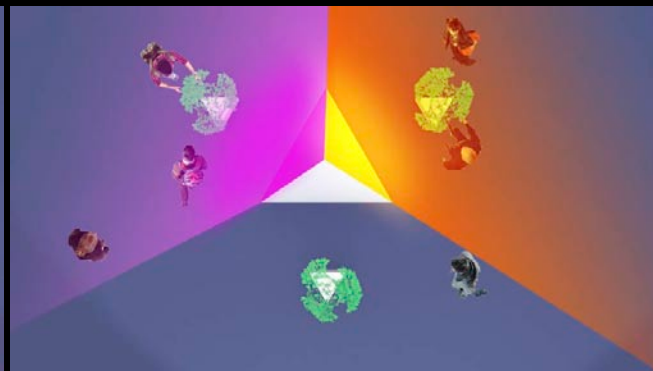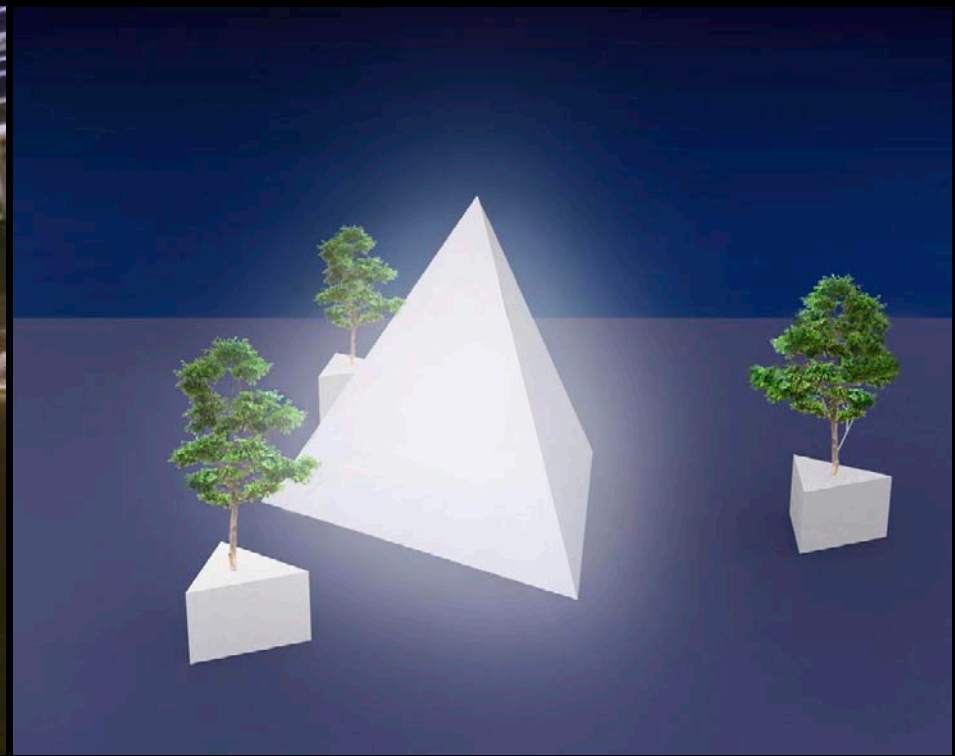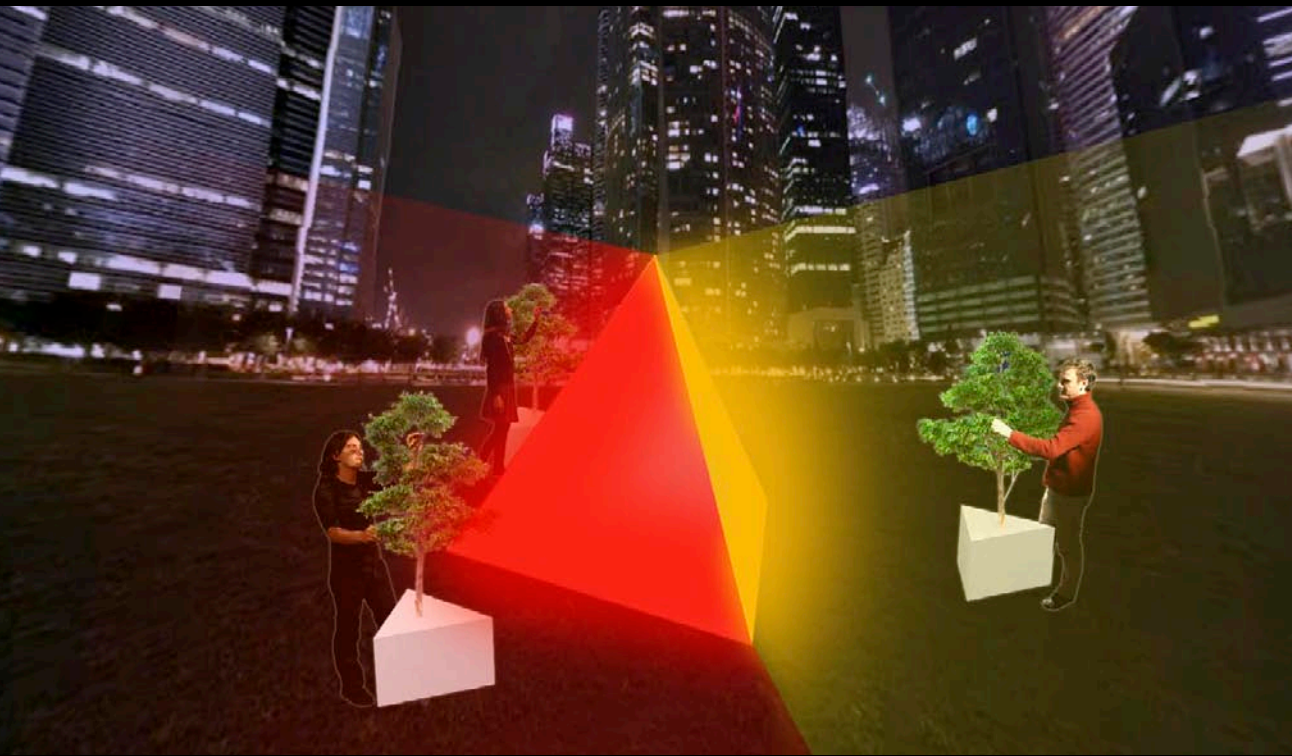
View from above
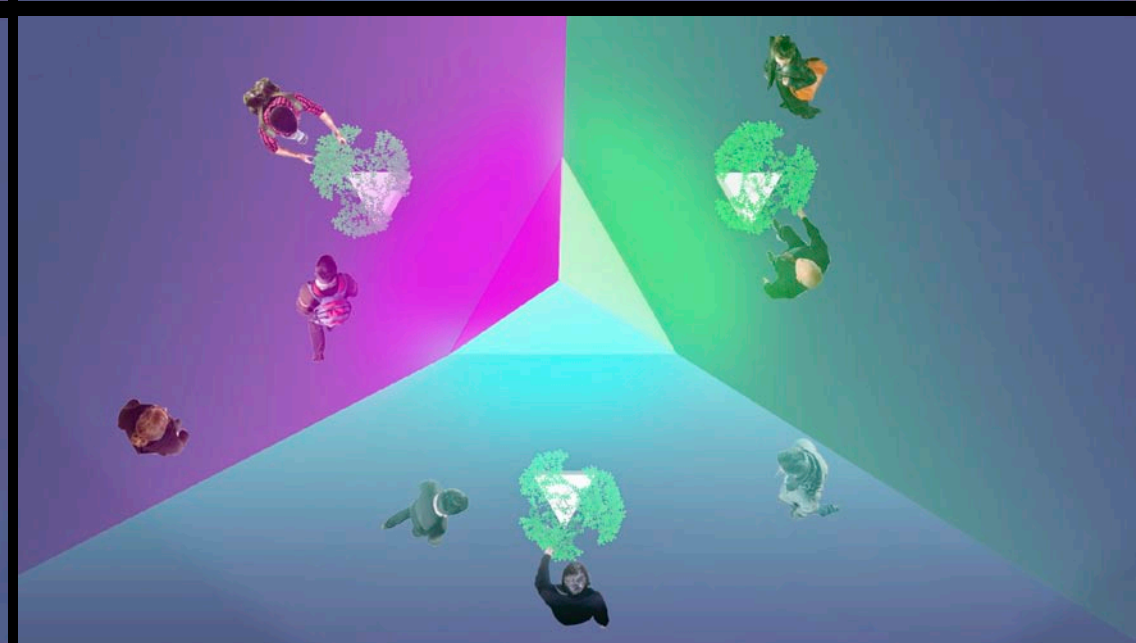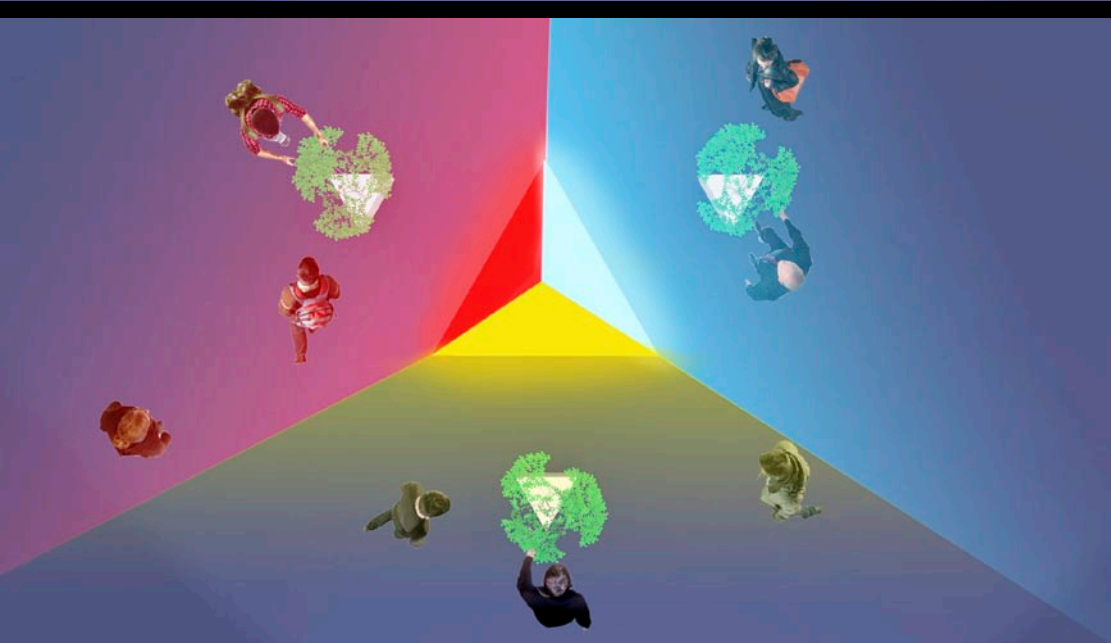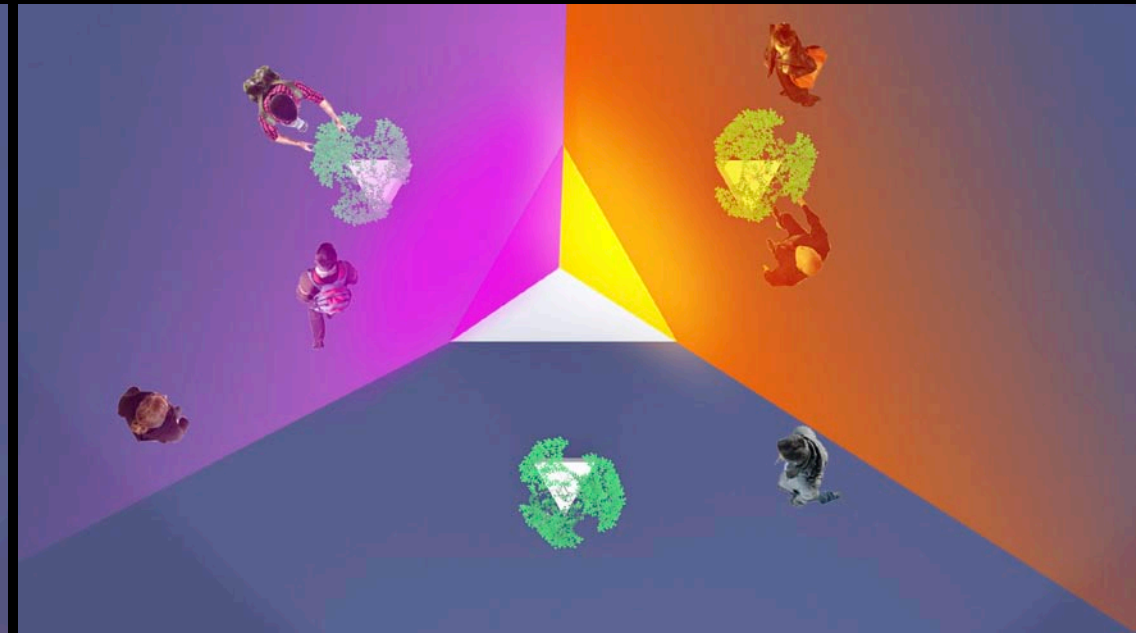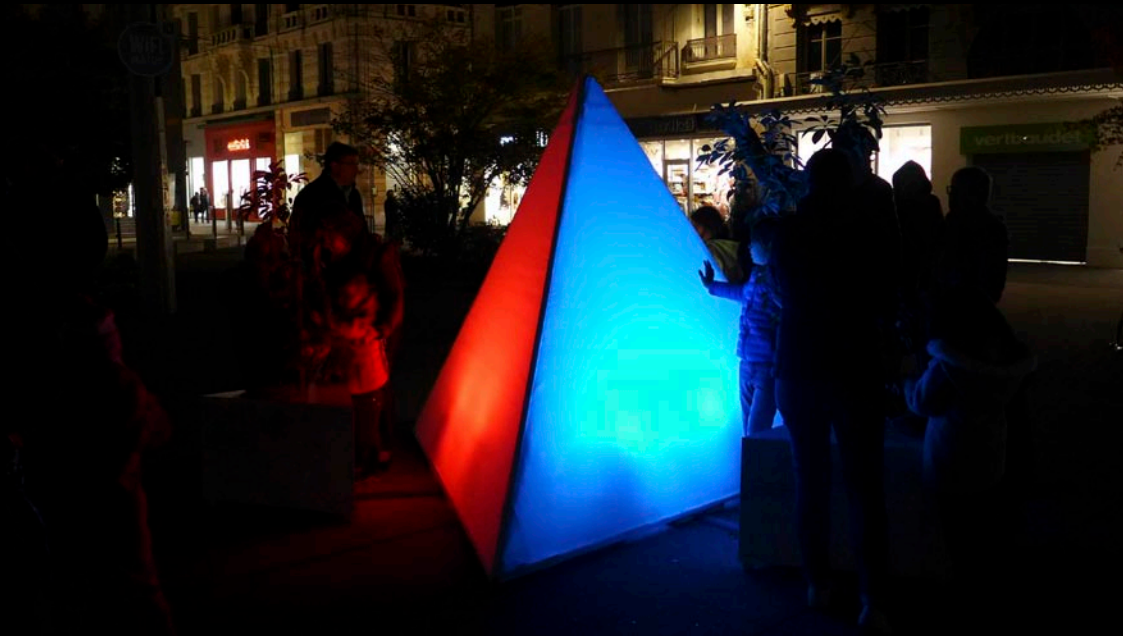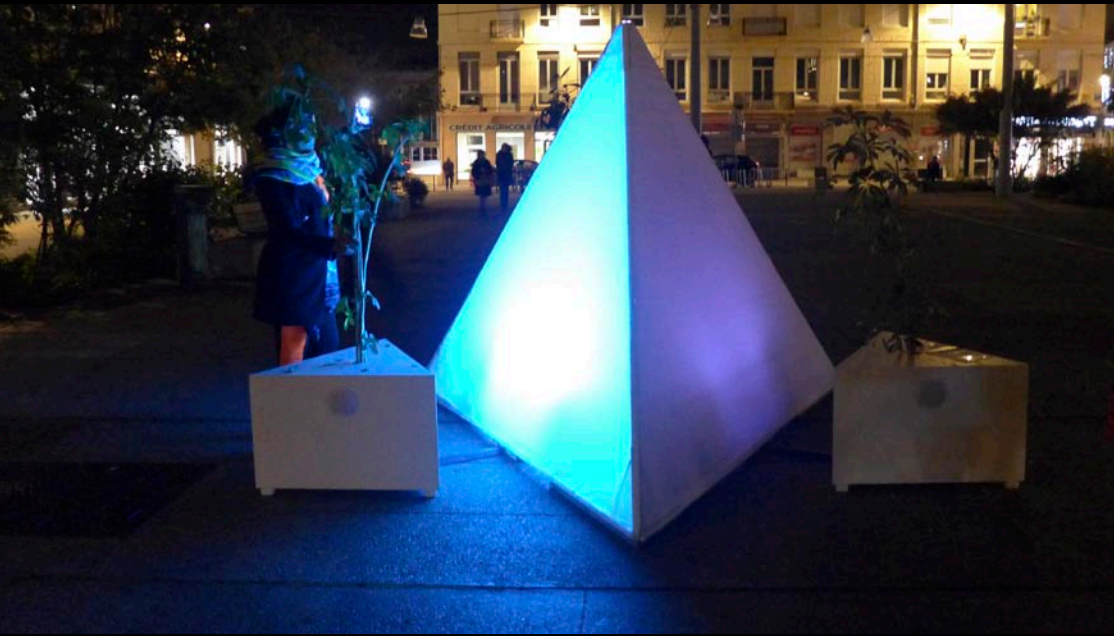
Pléiades - Festival des arts numériques / Centre ville / Place Dorian - Saint-Etienne (Fr)

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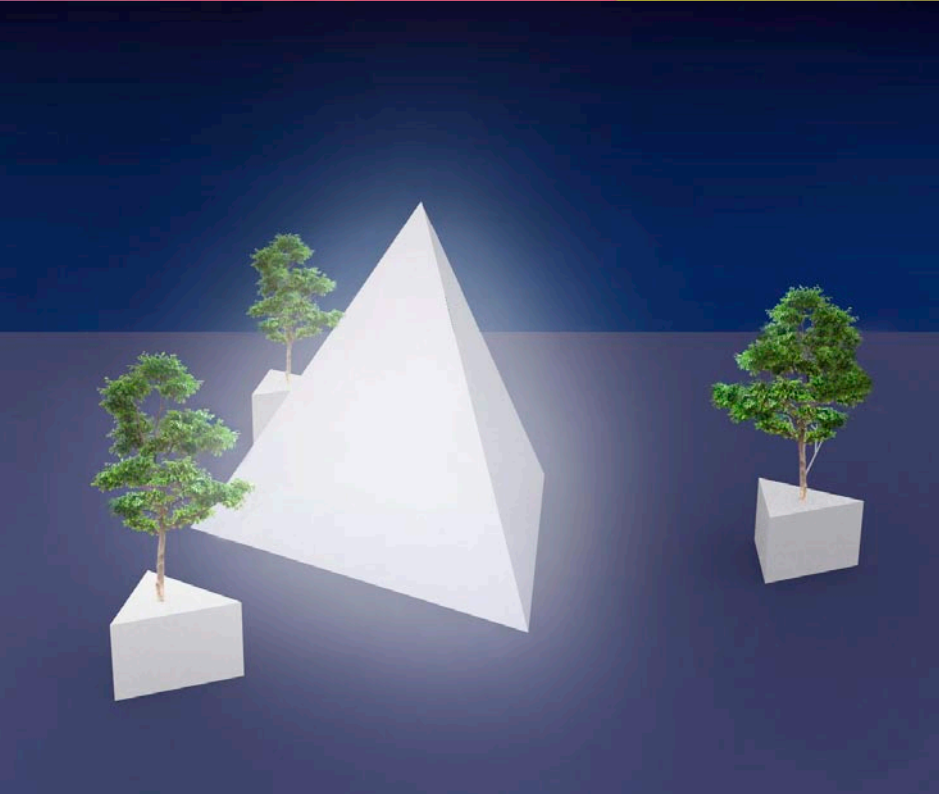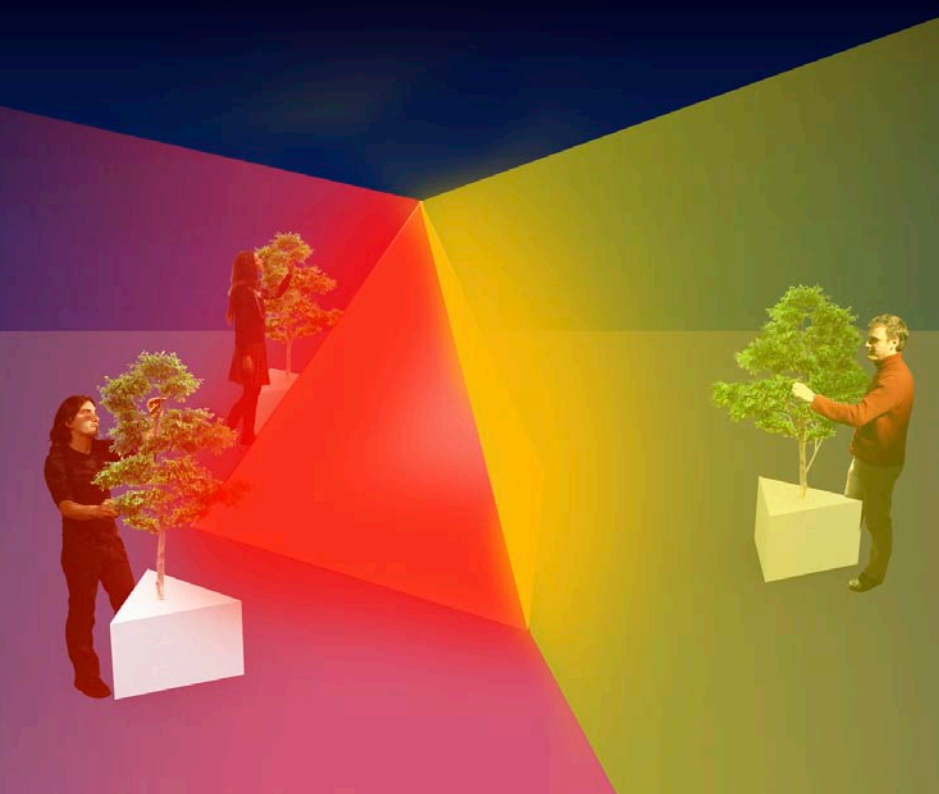
Description of the artwork

Interactive trees generating lights and sounds

Phonofolium Tetraedre is an interactive artwork with 3 living trees reacting to the human touch by sounds and lights. Several sound and light characters are revealed when the audience is touching or stroking lightly them. The intensity of light's variations evolves according to the intensity of the human contact with the trees.
The interactions of people with the trees illuminate and highlight a tetraedre light structure in front of the trees. Each face of the structure is connected to a tree. The intensity and color of the light of each face evolves according to the interaction with the tree.

Phonofolium lets us know about their existence by a scream, a melody and a lighting vibration. Sound characters and lights generate various feelings and influence feedbacks of audience.

The scenography of this artwork will enhance the environment that surround it through several scenarios of sounds and light's tints.
The diversity of these scenarios and the unpredictable interactivity of visitors will generate a dynamic, warm, and poetic environment. Through interactions with the tree, this installation invites audience to think about our contemporary relationships with our natural environment. It creates a space time of poetic relations and exchanges between people, beyond a basic connection.

In their artwork, the artists Scenocosme create hybrids between plants and digital technology. They use plants like natural sensors sensitive to the electrostatic energy of the human body. In this kind of artworks, the technology disappears in order to enhance sensory relations and to augment senses. The spectators share extraordinary sensory experiences.
The interactive plants artworks of these artists are shown all over the world.

More informations and video : www.scenocosme.com/phonofolium_tetraedre_e.htm

Video of precedents similar artworks with

interactive plants and lights and sounds

Lumifolia : www.scenocosme.com/lumifolia_oeuvre_e.htm

Phonofolium et Lux : www.scenocosme.com/phonofolium_et_lux_e.htm

Synchronisation between sound and colours of light

Sonorous and colorous light textures evolve according to the approach, the touch and the intensity of electrostatic energy emits from the human bodies. Scenocosme study how sounds and lights can influence relations between vistors and plants. They explore its power of retro-action, and how it can stimulate feelings and touch.

There is a fine correlation between intensity of contacts and intensity of musicality as light. Thus, variations of proximity and electrostatic energy influence sonorous and light textures: If one person touches totally the plant, it generates sonorities with high pitch. If more persons touch the plant energies are added and sonorities are more high. If one person touches lightly the plant or approaches at few centimetres without touch, sonorities are more low.

Several group of sounds are associated to various light tints in order to propose lots of possibilities. The pitch of the sound varies according to the energetic intensity of the relation. The light tint associated to the sound evolves according to the pitch. It offers a vibrating and fragile light links to small energetic variations between bodies.(for example : a warm sound is associated to a red tint)

When nobody interacts, a soft white light is diffused like a breathe from the tetraedre.
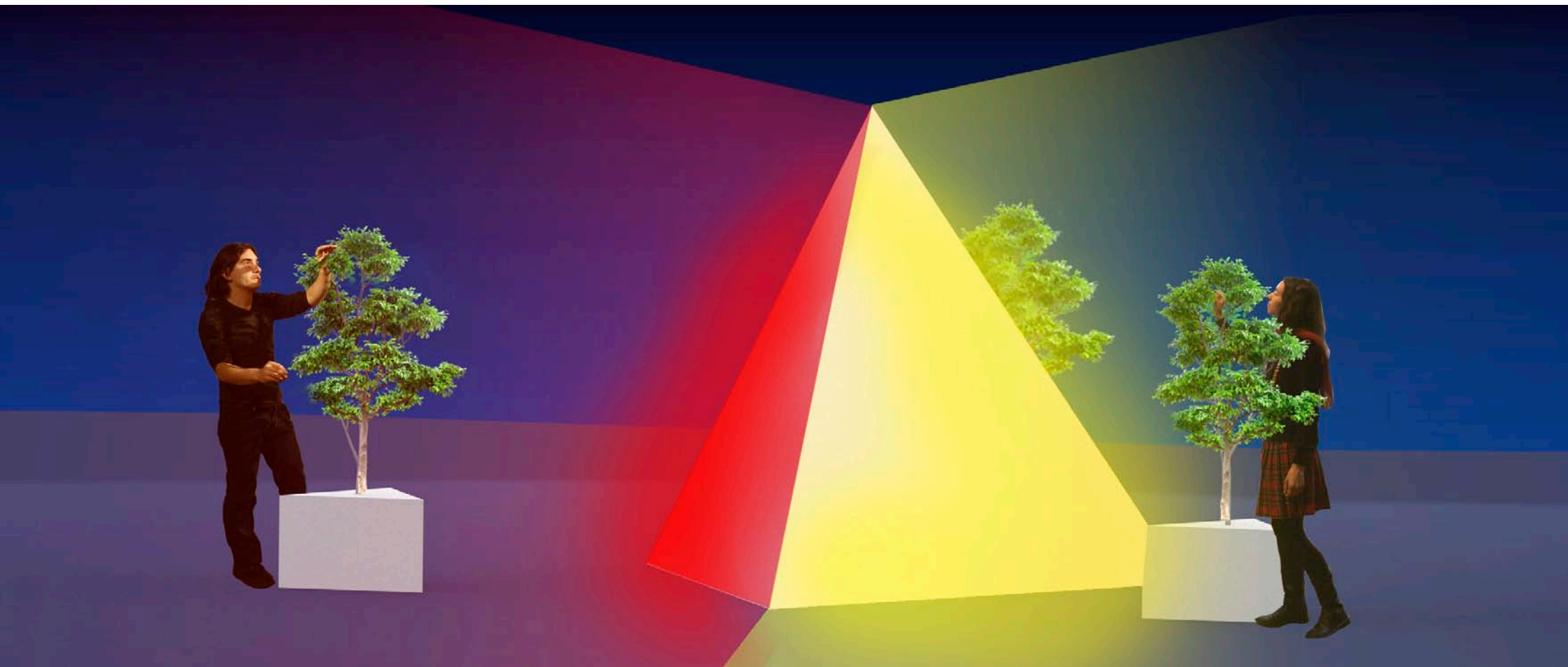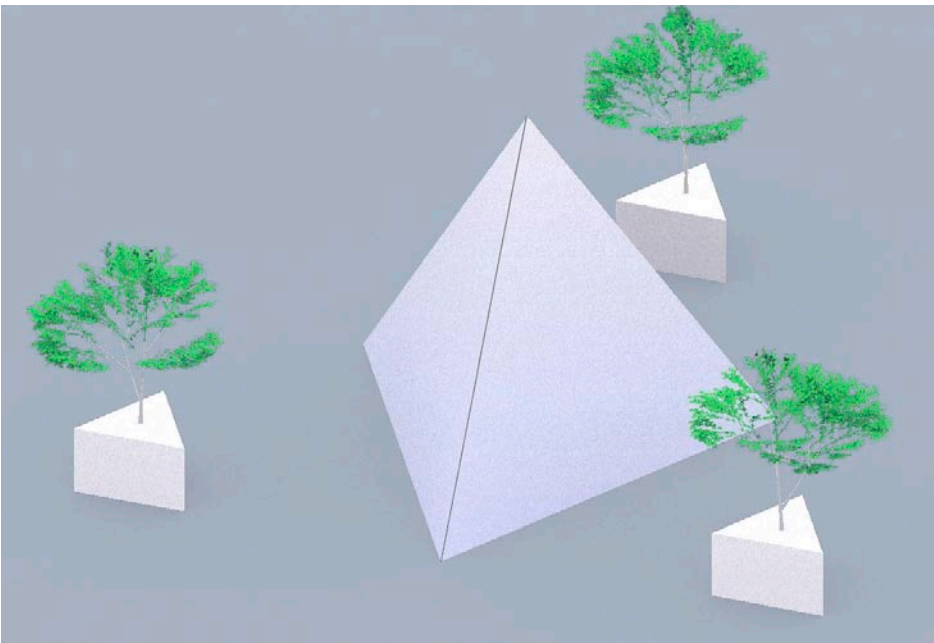
Scenography/ Technical informations

The artwork produces lights and sounds
It should be show in a dark area.
Sounds and lights systems are integrated inside.
The sounds comes from each pedestal of the plants.

Equipment
- 3 small trees (height around 1m50)
- 3 pedestals (wood + PVC)
- 3 interactive devices + computer
    + DMX controller + Audio system

- 1 tetraedre (fabric + tube) :
- several lights LED RVB inside

- DMX wire + electricity

The tetraedre structure is built with strong waterproof fabric

Total size : height : 2m30
                     large : from 4m to 5m
                     lenght : from 4m to 5m

several lights LED RVB
are put
on the floor inside each
face of the tetraedre
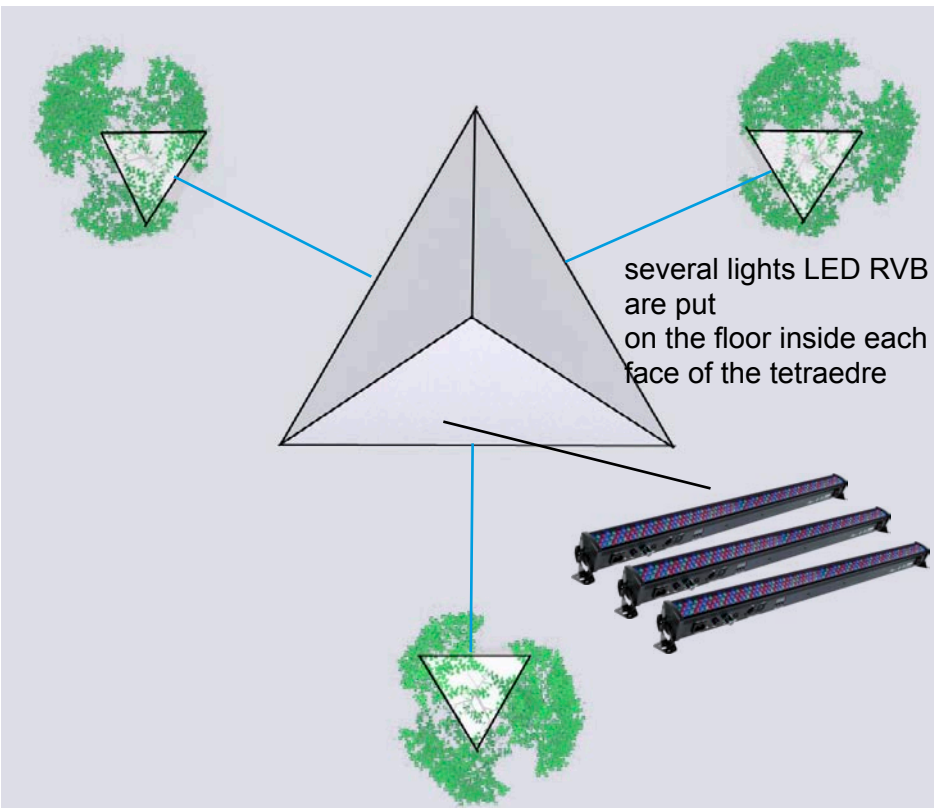
 inside each pedestal
+ interactive device
+ computer
+ DMX controller
+ speakers

Artistic process :
hybridizations between nature and digital technology

As media artists, Scenocosme: Grégory Lasserre & Anaïs met den Ancxt, explore capacities of technologies in order to draw sensitive relationships through specific stagings where senses are augmented. Their works came from possible hybridizations between the living world and technology which meeting points incite them to invent sensitive and poetic languages.

They suggest to sound out, to feel elements of reality which are invisible or to whom we are insensitive. They use the idea of the cloud as a metaphor of the invisible. Because it has an unpredictable form, it is in indeterminate metamorphosis, and his process escapes to our perception. Various natural and artificial clouds surround us (climatic, biological, energetic or electromagnetic). Through their artworks, they evoke invisible energetic clouds (electrostatic) which follow living beings like unpredictable shadows. Sometimes, these clouds cross together and exchange some information. In a poetic way, they interpret these invisible links through sonorous and visual stagings. Then, when they imagine the energetic clouds of living beings, the limits of the body become permeable, and with their technology, in a way they design extraordinary relationships, between humans, and between humans and environment too. Interactions they offer in their works make invisible exchanges sensitive. Rather than revealing clearly their complexity, they open everyone's imagination. Between the reality and our perception, there is always a «blind point» which stimulates the imagination.

When they create interactive works, Scenocosme invent sonorous or/and visual languages. They translate the exchanges between living beings and between the body and its environment. They suggest interrelations where invisible becomes perceptible. Materialized, our sensations are augmented. Through a poetic interpretation of invisible mechanisms, technologies allow them to draw sensory relationships, and to generate unpredictable living interactions. Their hybrid artworks play with their own augmented senses. They live with technology and have reactions which escape deliberately to their control.

Other artworks with interactive plants

Akousmaflore : www.scenocosme.com/akousmaflore_en.htm

Phonofolium : www.scenocosme.com/phonofolium_e.htm

Phonofolium et Lux : www.scenocosme.com/phonofolium_et_lux_e.htm

Lumifolia : www.scenocosme.com/lumifolia_oeuvre_e.htm

Phonofolia : www.scenocosme.com/phonofolia_oeuvre_e.htm

Domestic plant : www.scenocosme.com/domestic_plant_en.htm

Scenocosme : Grégory Lasserre & Anaïs met den Ancxt : www.scenocosme.com

The couple artists Gregory Lasserre and Anais met den Ancxt work under the name Scenocosme. They live in the Rhone-Alpes region in France.

Their singular artworks use diverse expressions: interactive installations, visual art, digital art, sound art, collective performances etc.... Scenocosme mix art and digital technology to find substances of dreams, poetry, sensitivity and delicacy. These artists overturn various technologies in order to create contemporary artworks. Their works came from possible hybridizations between the technology and living world (plants, stones, water, wood, humans.,..) which meeting points incite them to invent sensitive and poetic languages. The most of their interactive artworks feel several various relationships between the body and the environment. They can feel energetic variations of living beings and design interactive stagings in which spectators share extraordinary sensory experiences.

Their artworks are exhibited in numerous museums, contemporary art centres and digital art festivals in the world.

They have exhibited their interactive installation artworks at ZKM Karlsruhe Centre for Art and Media (Germany), at Daejeon Museum of Art (Korea), at Museum Art Gallery of Nova Scotia (Canada), at National Centre for Contemporary Arts (Moscow), at Contemporary Art Museum Raleigh (USA), at Bòlit Centre d'Art Contemporani (Girona) and in many international biennals and festivals : Art Center Nabi / INDAF (Seoul), BIACS3 / Biennial International of Contemporary Art of Seville (Spain), Biennial Experimenta (Australia), NAMOC / National Art Museum of China / TransLife / Triennial of Media Art (Beijing), C.O.D.E (Canada), Futuresonic (UK), WRO (Pologne), FAD (Brasil), ISEA / International Symposium on Electronic Art (2009 Belfast, 2011 Istanbul, 2012 Albuquerque, 2013 Sydney), EXIT, VIA, Lille3000, Ososphere, Scopitone, Seconde nature (France)… during important events : World Expo (Shanghai), Nuits Blanches (Toronto, Halifax, Bruxelles, Brighton, Amiens, Segovia, Bucharest), Fête des lumières (Lyon)... and in various art centers : MONA (Australia), MUDAC, Fondation Claude Verdan (Lausanne), Musée Ianchelevici (Belgium), Kibla (Slovenia), Banff Centre (Canada), Villa Romana (Firenze), Utsikten Kunstsenter (Norway), Watermans (UK), Centre des arts d'Enghien-les-Bains, Gaîté Lyrique (Paris) etc.

Full biography : www.scenocosme.com/PDF/scenocosme_BOOK_EN.pdf   Wikipedia : https://en.wikipedia.org/wiki/scenocosme

Previous exhibitions of Phonofolium Tetraedre

Creation november 2019
- Festival Illumin&Vous / Les néons de minuit festival illuminé - Grenoble (Fr)
- Festival des arts numériques Pléiades - Saint-Etienne (Fr)

Previous exhibitions of other artworks with interactive plants

- **ZKM** - Centre for Art and Media / YOU[ser] 2.0 / Curator : Peter Weibel - Karlsruhe (**Germany**)
- **ZKM** - Centre for Art and Media / Sound Art. Sound as Medium of Fine Art / Curator : Peter Weibel - Karlsruhe (**Germany**)
- **Daejeon Museum of Art** / Energy : Curator : Minkyung Kim - Daejeon (**Korea**)
- **BIACS3** - Biennale Internationale d'Art contemporain de Séville / YOUniverse / Curator : Peter Weibel (**Spain**)
- **Bòlit** - Centre d'Art Contemporani / Curator : Rosa Pera Roca - Girona (**Spain**)
- **CAM Raleigh** - Contemporary Art Museum / Born Digital / Curator : Elysia Borowy-Reeder - Raleigh (**USA**)
- **Musée des beaux-arts de la Nouvelle-Écosse / Art Gallery of Nova Scotia :** curator : Sarah Fillmore - Halifax (**Canada**)
- **Symposium d'art nature /** Galerie d'art Louise et Reuben-Cohen / Curator : Nisk Imbeault - Moncton (**Canada**)
- **The Banff Centre** / Curator : Jen Mizuik - Banff, Alberta (**Canada**)
  Convergence - International Summit on Interdisciplinary Arts and Technology
- **MUDAC** - Musée de design et d'arts contemporains / Touch le monde au bout des doigts - Lausanne (**Switzerland**)
- **Musée Ianchelevici** / La forêt dans la ville et au musée - La Louvière (**Belgium**)
- **Experimenta** - Biennial of Media Arts / Utopia Now / Curator : Amy Barclay, Jen Mizuik - Melbourne (**Australia**)
- **Villa Romana** / Jardin de semaine - Curator : Angelika Stepken - Firenze (**Italia**)
- **Watermans** - New Media Gallery / Curator : Irini Papadimitriou - Brentford-London (**UK**)
- **Futuresonic** / CUBE Gallery / Curator : Drew Hemment, Dennis Hopkins - Manchester (**UK**)
- **LICA** - Lancaster Institute Contemporary Arts / Environment 2.0 / Curator : Drew Hemment - Lancaster (**UK**)
- **Prince Philip House / Queen Elizabeth Prize for Engineering** - London (**UK**)
- **Lab30** - Media Arts Festival / Curator : Barbara Friedrichs - Augsburg (**Germany**)
- **Cool Silicon Art Award / Ostrale** / Curator : Andrea Hilger, Dr. Martin Müller - Dresden (**Germany**)
- **Phaenomenale** / Science & Art Festival / **Phaeno Science Center** - Wolfsburg (**Germany**)
- **ArtGreenHouse** / Contemporary Art meets Science / Curator : Eike Berg - Freising (**Germany**)
- **Art Karlsruhe** - Contemporary Art Fair / **ZKM booth** / Curator : Peter Weibel - Karlsruhe (**Germany**)
- **EMAF** - European Media Art Festival - Osnabrück (**Germany**)
- **Abu Dhabi Art Fair / Manarat Al Saadiyat** / Curator : Fabrice Bousteau- Abu Dhabi (**UAE**)
- **CODE** - Cultural Olympiad's Digital Edition / Curator : Malcolm Levy - Vancouver (**Canada**)
- **Congrès mondial acadien** 2014 / Pavillon Multimedia - Edmundston / New-Brunswick (**Canada**)
- **Art Ex** - Visual Art in the Exploits Valley - Grand Falls-Windsor (**Canada**)
- **Les Urbaines** / Arsenic / Curator : Patrick de Rham - Lausanne (**Switzerland**)
- **Nuit Blanche Brussels** / **Beursschouwburg** / Curator : Viviana Checcia - Bruxelles (**Belgium**)
- **ISEA 2009** - International symposium electronic arts / Curator : Kathy Rae Huffman - Belfast (**Irland**)
  Ormeau Baths Gallery / Belfast's contemporary art gallery
- **Exposition universelle de Shanghai** / Pavillon Lille Europe / Curator : Charles Carcopino - Shanghai (**China**)
- **The OCT Shanghai Suzhou creek** / Festival croisements / Curator : Charles Carcopino - Shanghai (**China**)
- **The OCT Art and Design Gallery** / Curator : Yan Xiaodong, Charles Carcopino - Shenzhen (**China**)
- **Plutopia / Austin's Mexican-American Cultural Center** / Curator : Derek Woodgate - Austin (**USA**)
- **MONA** - Museum of Old and New Art / Curator : Jen Mizuik- Tasmania (**Australia**)
- **Mornington Peninsula Gallery** / Curator : Jen Mizuik - Mornington Victoria (**Australia**)
- **NIME 2011 / Norwegian Museum of Science /** Curator : Trond Lossius, Frauke Behrendt- Oslo (**Norway**)
- **Utsikten Kunstsenter** / Curator : Per Platou - Kvinesdal (**Norway**)
- **Numusic festival** - Stavanger (**Norway**)
- **ISEA 2011** - International Symposium Electronic Art / Curator : Lanfranco Aceti - Istanbul (**Turkey**)
- **Galeria 13 muz / Digital_ia 2012** / Digital Art Festival - Szczecin (**Poland**)
- **WRO 09** - 13th Media Art Biennale / **Entropia Gallery** / Curator : Piotr Krajewski - Wroclaw (**Poland**)
- **Wro Art center** / Curator : Piotr Krajewski - Wroclaw (**Poland**)
- **Athens Video & Art Festival** / Curator : Antonia Pilarinou - Athènes (**Greece**)
- **Kibla multimedia center** / Curator : Tincuta Heinzel - Maribor (**Slovenia**)
- **Alliance Française de Bahreïn** - Manama (**Bahrain**)

- **Simultan** Festival for media art / Talking to Stranger - Curator : Levente Kozma - Timisoara (**Romania**)
- **Festival Rokolectiv** / cultural center The Ark / Curator : Cosmin Tapu - Bucharest (**Romania**)
- **Festival Internacional de las Artes de castilla y leon** / Curator : Guy Martini - Salamanca (**Spain**)
- **KIM? Contemporary Art Centre** - Riga (**Latvia**)
  Rixc - Techno-ecologies / Curator : Rasa Šmite, Raitis Šmits, Eric Kluitenberg
- **Simpósio Internacional Natureza: Arte e Ciência** / Curator : Rodrigo Minelli
  UFMG Conservatory - Belo Horizonte (**Brazil**)
- **Unpainted / media art fair** - Munich (**Germany**)
- **Grynparkas festival** / Embeded in nature / Curator : Ina Pukelyte - Kaunas (**Lithuania**)
- **Concertgebouw** / Curator : Eveline Heylen - Brugge (**Belgium**)
- **Ex – Cartiera Latina** - Roma (**Italia**)
  2025 Future Environment Human / Curator : Sofia Micciche / Giorgia Noto
- **King Abdullah University of Science and Technology** - (**Saudi Arabia**)
- **MAG** - Montreux Art Gallery - Montreux (**Switzerland**)
- **Tour de Sauvabelin** / La Fête de la forêt - Lausanne (**Switzerland**)
- **Brighton Digital Festival** / The New Sublime - Brighton (**UK**)
- **E-Fest** / Digital Arts Festival
  Palais Abdellia / Surface Sensible - Curator : Afif Riahi - Tunis (**Tunisia**)
- **Festival ISI** / Rencontres d'arts numériques - Montpellier (Fr)
- **Festival des 7 collines** - St Etienne (Fr)
- **Festival Empreintes Numériques - Centre culturel Bellegarde** - Toulouse (Fr)
- **Centre culturel de rencontre - parc Jean-Jacques Rousseau** - Ermenonville (Fr)
- **Centre d'exposition Les Réservoirs** - Limay (Fr)
- **Musée de la Préhistoire des Gorges du Verdon** - Quinson (Fr)
- **Musée Savoisien / Nuit des musées** - Chambéry (Fr)
- **Château de Saint-Priest** - Saint-Priest (Fr)
- **Abbaye de l'Escaladieu - Horizons numériques** - Bonnemazon (Fr)
- **Festival des Arts numériques RVBn** / Curator : Igor Deschamps
- **Immersions Digitales** / Natural/Digital /Curator : Julie Miguirditchian / Digitalarti - Paris (Fr)
- **Fort du Bruissin centre d'art contemporain** - Francheville (Fr)
- **Les Docks, cité de la mode et du design / Qwartz Award** - Paris (Fr)
- **La Gaîté lyrique** / Pariszone@dream - Paris (Fr)
- **Festival Ososphere** / Curator : Thierry Danet - Strasbourg (Fr)
- **Festival International EXIT** / Curator : Charles Carcopino - Creteil (Fr)
- **Festival International VIA** / Curator : Charles Carcopino - Maubeuge (Fr)
- **Festival 38e Rugissants** / Curator : Benoît Thiebergien - Grenoble (Fr)
- **Festival Seconde Nature** - Aix en Provence (Fr)
- **Festival Mal au Pixel** / Pixelache / Mains d'Oeuvres - Saint-Ouen (Fr)
- **Festival Musiques de rues** - Nouveau territoire des arts sonores - Besançon (Fr)
- **Festival Electrochoc** - Bourgoin-Jallieu (Fr)
- **Festival vidéoformes** / Curator : Gabriel Soucheyre - Clermont-Ferrand (Fr)
- **Festival Art Rock** / Musée de Saint Brieuc - Saint-Brieuc (Fr)
- **Festival l'Art des Corps** - Lagorce (Fr)
- **Festival ISI #4 / Kawenga** - Montpellier (Fr)
- **Festival Green Days / MA scène nationale-Pays de Montbéliard** - Montbéliard (Fr)
Etc..
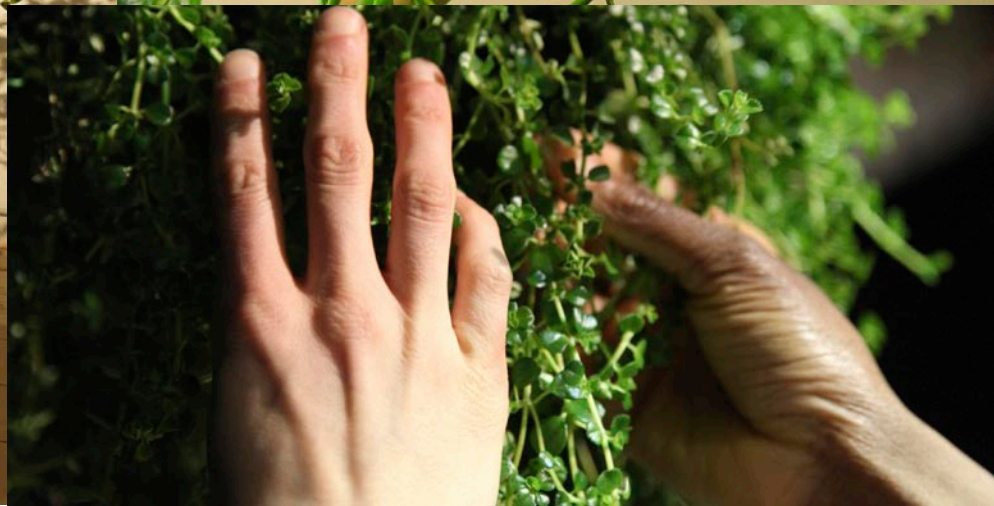
Previous artwork with interactive plants

Lumifolia - Interactive lighting and sonorous tree www.scenocosme.com/lumifolia_oeuvre_e.htm
Airport Roissy Charles de Gaulle (France)

Previous artwork with interactive plants

Phonofolium et Lux - Interactive lighting and sonorous tree www.scenocosme.com/phonofolium_et_lux_e.htm

Festival Zéro 1 / Art Numérique - La-Rochelle (France)   Fort du Bruissin centre d'art contemporain - Francheville (France)

Previous artwork with interactive plants

Akousmaflore - Sensitive and interactive musical plants www.scenocosme.com/akousmaflore_en.htm

Daejeon Museum of Art - Daejeon (Korea)

Bòlit - Centre d'Art Contemporani - Girona (Spain)

Symposium d'art nature / Galerie d'art Louise et Reuben-Cohen - Moncton (Canada)

ZKM - Centre for Art and Media - Karlsruhe (Germany)

Previous artwork with interactive body

Urban Lights contacts - Interactive sound and light installation with body and skin from public

www.scenocosme.com/urban_lights_contacts_e.htm

Light City Baltimore 2018 - Baltimore (USA)