

Art-driven adaptive spatial design



Program

a. *MindSpaces* residency artists

Timetable: 24/7

Pre-recorded interviews of the 5 artists selected from the open calls. Haseeb Ahmed (US), Sarah Derat (FR), Emanuel Gollob (AT), Emmanuel Van der Auwera (BE), João Martinho Moura (PT), Michael Sedbon (FR)

These interviews will be related to the work of the artists throughout their MindSpaces residency. They will present their work so far and their collaboration with the technical partners of the MindSpaces consortium. Their innovative ideas will be introduced by their art practice, through their ability to imagine futures that do not just reflect the current consensus in logic and engineering, setting into motion new ways of seeing, hearing, touching, feeling, transforming and experiencing spaces, places and community.

b. **Dialog** - Refik Anadol (TU) and Maurice Benayoun (FR)

Timetable: Wed, Sep 9 2020 , 09.00 am-10.00am

DialoG is an urban media art installation developed (in the framework foMindSpaces Starts Horizon2020 collaborative research) by Maurice Benayoun (MoBen/CityU HK) and Refik Anadol (AnalogNative). In the public space (L'Hospitalet de Llobregat, Spain) two "living" entities face each other. They don't look like the living beings we know. They don't speak any language we know. They are aliens, strangers, immigrants. Facing each other they gradually mutate. They seem to react to their environment. Even more, they clearly desperately try to understand each other. In the context of social diversity of L'Hospitalet, the second city of Catalunya, a popular suburb of Barcelona, DialoG reflects on the difficulty to build a mutual understanding beyond social and cultural differences. The real-time generated creatures have behaviours and appearance affected through AI by their cultural background, their environment and what they perceive from the "locals" that interfere with their attempt to communicate, to understand each other.

*For MindSpaces Kepler's garden, we'll **connect online**, both DialoG living entities and observe them growing before this "encounter of the 4rd kind", when they will be facing each other. From Refik Anadol's studio in Los Angeles, and Maurice Benayoun's Neuro Design Lab in CityU Hong Kong we'll see them growing, moving, and express their condition and their desires. DialoG uses technologies developed byMindSpaces partners to allow a large spectrum of perceptive features that, combined with R. Anadol and M. Benayoun graphic generators and AI algorithms, create this empathic desalienation.*

c. **MindSpaces platform- Pre-recorded demonstration of MindSpaces platform.**

Timetable: 24/7

MindSpaces platform encompassing the technologies of the project will be demonstrated showing how to design solutions for both indoor and outdoor environments with the help of the artists (Refik Anadol and Maurice Benayoun) and architects (Zaha Hadid and AUTH), taking in consideration data from emotional, behavioral(ABPS-Human Behaviour Simulations) and discourse analysis. The MindSpaces platform proceeds real-time assessment of users' emotional responses via wearable EEG (Electroencephalography) so as to allow capturing the neuro-feedback of a VR-experience of the space which will adapt accordingly.

Organization

Centre for Research and Technology Hellas (CERTH) (GR), Maastricht University (NL)

Project Credits

-MindSpaces Consortium (*Centre for Research and Technology, Hellas, University of Maastricht, Pompeu Fabra University, Aristotle University of Thessaloniki, McNeel Europe SL, Up2Metric, Nurogames, Zaha Hadid Architects, Maurice Benayoun, Analog Native, Espronceda, e-Sèniors, The town of L'Hospitalet de Llobregat, The city of Hong Kong*)

-Maurice Beanyoun

-Refik Anadol

-Artists in residency

Haseeb Ahmed, Sarah Derat, Emanuel Gollob, Emmanuel Van der Auwera, João Martinho Moura, Michael Sedbon

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