



BACK TO THE FUTURE INNOVATION, VISUALIZATION, INTERPRETATION AND UNDERSTANDING

Artist: Koen Vanmechelen, Sarah Fabergé - Gary James McQueen, Paul Van Hoeydonck, Frederik De Wilde, Nicole Stott, Gary James McQueen, Alexander Mordvintsev, Fred Eerdekens, Peter De Cupere, Panamarenko, Nick Ervinck, Sergey Dozhd, Ulrike Bolenz, Liudmila Norsoyanand, Louisa Burnett-Hall, Patricia de Solages, Felix Roulin and Hergé
Curator Barbara Dietrich

The exhibition is devoted to the future of Art and Humanity and one of the main ideas is the humanitarian aspects of the Art uniting different countries from around the world.

Innovation, the value of memories, global prosperity and world peace. If there is anything certain about our future, it's that technological progress will rapidly be creating change of a dimension mankind never before experienced. This will provide tremendous opportunities for global prosperity and world peace – but also huge risks! Some experts speculate that, in less than 20 years,

we will have a “singularity”, meaning that computers and the human brain may have the same capacity. This fosters many fears, exceeding today's fears, about Artificial Intelligence (AI) that most jobs will soon be gone. However, others are saying that AI is only based on algorithms without a conscious mind. Machines follow mere logic, not knowing what – or why – they are doing something and – of course – without questioning the ethics of what they are doing. They conclude that man will always be on the driver's seat. Unfortunately, this does not reduce related fears in our societies. All innovations can be used either for good or bad. That's nothing new to learn – other than that, in the past, the outcome often was random.

These innovation cycles can't be stopped or reverted! However, if we want our future to be good, we need to tackle the fear. This can only happen through information that is available to be accessed by and debated within the wider public. Understanding takes away fears and leads towards action – in a positive sense!



Alexander Mordvintsev Researcher and Artist in Living Tomorrow



I like Emergent Phenomenas, Machine Learning, Computer Graphics and Vision.
I like to visualize things. DeepDream is my most known creation. I'm working at Google Research on Deep Neural Network visualization, interpretation and understanding.
Alexander Mordvintsev invented Google DeepDream, launching an entirely new subgenre of art using neural networks – and transforming how we visualize images in AI.

