

BRAIN STORMS



LABORATORIA Art&Science Space
with the support of The Polytechnic Museum Development Foundation
presents

THE ARTIST
IN THE CONTEXT
OF NEUROSCIENCE

INTERNATIONAL SCIENCE ART SYMPOSIUM

16 – 17 NOVEMBER, 2012

LECTURE HALL OF THE POLYTECHNIC MUSEUM

PROGRAMME

NOVEMBER 16, FRI

16.00 – 17.30

Overture

MEASURING THE MAGIC OF THE MUTUAL GAZE

PARTICIPANTS:

Marina Abramovic, artist (Serbia – USA); Konstantin Anokhin, neurobiologist (Russia); Mikhail Burtsev, neuromathematician (Russia); Alexander Kaplan, neurophysiologist (Russia)

MODERATOR:

Daria Parkhomenko, art historian (Russia)

Is it possible to explain from the scientific point of view the reason of deep psychological contact that sets between two people, staring into each other eyes incessantly?

This question was the starting point of the science art performance "Measuring the magic of the mutual gaze" at the CCC "Garage" (Moscow, 2011). During the performance neuroscientists were collecting data for the research on nonverbal visual communication. Brainstorms Symposium is the next stage of this research. Artists and scientists will tell about the results of their latest investigation, alternative theories and options for the research development prospects.

17.30 – 18.00

BRAIN-PAUSE

18.00 – 20.00

DISCUSSION

BRAIN AND CREATIVITY

PARTICIPANTS:

Marina Abramovic, artist (Serbia – USA) VS Konstantin Anokhin, neurobiologist (Russia)

- Creativity: why and what for did it appear during the brain evolution?
- What does brain do while creating an artwork?
- What does brain do while perceiving an artwork?
- Geniuses – brain anomaly?
- What is artistic and scientific intuition?

20.00 – 20.30

BRAIN-PAUSE

20.30 – 21.30

FILM "UN HOMME PRESQUE PARFAIT"

Director: Cecile Denjean. France, 2011, 60 min, subtitles

Technological progress today is allowing mankind to conceive of a radically «improved» human being, modeling his own species according to his wishes.

NOVEMBER 17, SAT

12.00 – 13.20

DISCUSSION

BRAIN, RHYTHMS AND MUSIC

PARTICIPANTS:

Gyorgy Buzsaki, neurobiologist (Hungary – USA) VS Marina Korsakova-Kreyn, musician (Russia – USA)

MODERATOR:

Tatiana Chernigovskaya, neurolinguist (Russia)

- How does music affect our brain?
- How does music appear?
- How does the process of thinking correlate with rhythm?
- How is emotion expressed with music?

13.20 – 14.20

BRAIN-PAUSE

14.20 – 15.40

DISCUSSION

WHAT IS CONSCIOUSNESS ANYWAY?

PARTICIPANTS:

Tatiana Chernigovskaya, neurolinguist (Russia) VS David Dubrovskiy, philosopher (Russia)

MODERATOR:

Sergey Shutov, artist (Russia)

- How does brain control our gaze: power of gaze, trueness and pretense.
- Where is the "Self" and how does the brain think about itself?
- Deceit and self-deceit. Mystery of understanding of poetry.
- How do we tell a human from a cyborg or a zombie?
- Do animals have consciousness? Do children have it?

15.40 – 16.00

BRAIN-PAUSE

16.00 – 17.20

DISCUSSION

ARTIFICIAL INTELLIGENCE: PERSPECTIVES OF ART AND SCIENCE

PARTICIPANTS:

Antonio Chella, robotics engineer (Italy) VS Julius Popp, artist (Germany)

MODERATOR:

Mikhail Burtsev, neuromathematician (Russia)

- What makes an object intelligent and conscious?
- Can artificial intelligence be an artist? What features should it have?
- Are there any artworks created by artificial intelligence?
What are the main directions of experiments in this field?
- Can we compare artworks of the artificial intelligence with those of a human?
Should both types of creative work be viewed together or separately?

17.20 – 18.00

BRAIN-PAUSE

18.00 – 20.00

ROUND-TABLE

BRAIN AND PERSONALITY

PARTICIPANTS:

Marina Abramovic, artist (Serbia – USA); Konstantin Anokhin, neurobiologist (Russia); Gyorgy Buzsaki, neurobiologist (Hungary – USA); Antonio Chella, robotics engineer (Italy); Tatiana Chernigovskaya, neurolinguist (Russia); David Dubrovskiy, philosopher (Russia); Alexey Ivanitsky, neurophysiologist (Russia); Alexander Kaplan, neurophysiologist (Russia); Marina Korsakova-Kreyn, musician (Russia – USA); Daria Parkhomenko, art historian (Russia); Julius Popp, artist (Germany); Sergey Shutov, artist (Russia)

MODERATOR:

Lyubov Strelnikova, chemist (Russia)

20.00 – 20.30

BRAIN-PAUSE

20.30 – 21.25

FILM "DOES MY BRAIN HAVE A SEX?"

Director: Laure Delesalle. France, Belgium, Sweden, Greece, 2010, 52 min, subtitles

Why men and women have such different reactions to same situations? Does this difference have a biological nature? Do intellectual abilities of men and women differ? What is the role of the society in forming and defining these differences?

LABORATORIA ART&SCIENCE SPACE

+7 495 989 9771 • www.newlaboratoria.ru

 www.facebook.com/newlaboratoria

LECTURE HALL OF THE POLYTECHNIC MUSEUM

Moscow, Novaya square, 3/4, entrance №9 • www.pmlectures.ru

CONTACTS FOR PRESS:

LABORATORIA Art&Science Space • Julia Avseneva, +7 926 585 62 81 • Marina Fedorovskaya, +7 926 828 13 62
• info.laboratoria@gmail.com

Polytechnic Museum • Elena Kostyukova, +7 903 509 63 31, press@polymus.ru

SUPPORTED BY

THE POLYTECHNIC MUSEUM
DEVELOPMENT FOUNDATION



PARTNERS

австрийский культурный форум^{moscow}

GENERAL INFORMATION PARTNER

Andrey Markov's
Interview

ЖУРНАЛ
РУССКИЙ РЕПОРТЕР

[газета.ru](http://gazeta.ru)

КОМПАНИЯ

THE ART NEWSPAPER RUSSIA

T&P

W → ○ → S

ГО//ТА
ОПТИМИСТИЧЕСКИЕ
LIVE