

LITHUANIAN NATIONAL DRAMA THEATRE



In search of mushrooms

23th of September 2023 | Trakai, Lithuania

FUNGI IN THEIR NATURAL HABITAT

A walk in the forest to get to know the world of mushrooms in general. It explores the fungi we see, talks about mushrooms from different perspectives and reveals their role in nature and in our daily lives



WORKSHOP CONTENT

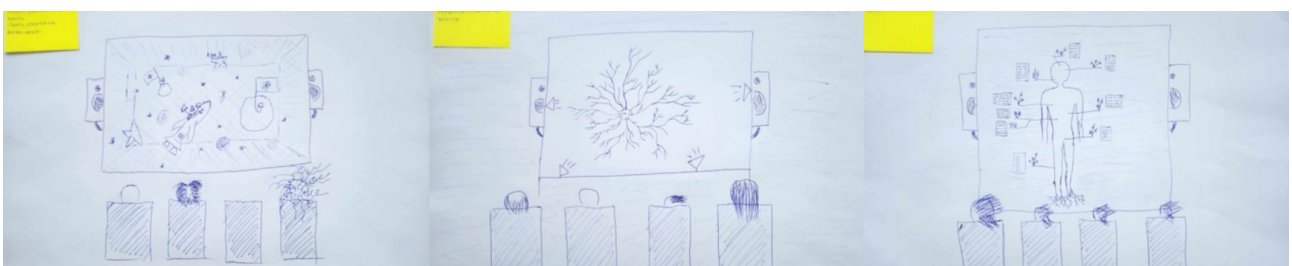
A seminar/lecture on the potential uses of mushrooms, such as: wine, cocoa, air filters, biofertilizers, enzymes, food dyes, mushrooms can help to improve the functionality of the nerves, and control cardiovascular diseases.

MUSHROOMS AND THEIR SPACES

Fungi are the largest kingdom in the ecosystem. It's hard to imagine, but even in a room, fungal spores levitate. They adapt very quickly to the conditions and can easily survive. Some mushrooms have more toxins than others, and it is often the case, especially during mushroom season, that many people are poisoned because they do not know a poisonous mushroom from a non-poisonous one. One of the scientist's claims is that mushrooms could make a maximum contribution to sustainability by poisoning half the world's population.



In a meeting with scientist Šarūnas, we explored the benefits of cordyceps. About how mushrooms can help longevity and even cure cancer. Also, about the practical use of the mushroom in the construction market. Mushrooms have started to be used instead of bricks and cement.



BIOGRAPHY OF THE ARTIST:

PAULIUS MARKEVIČIUS

Director, actor, performance and installation artist. His work captures the viewer's relationship and experience. He started his research on the synthesis of art and science in the Art and Science Lab at MMLAB, where he explored quantum physics, scientific errors, light and reflections, and the moral issues of science. Earlier work analysed the Anthropocene, philosophy, and popularised the branches of astronomy and cosmology.

BIOGRAPHY OF THE SCIENTISTS:

AURELIJA PLŪKĖ

Mushroom expert, educator, blogger and mycologist. She is interested in and knowledgeable about mushrooms found in Lithuanian forests.

MATAS GAVENASKAS

PhD in the Mycology Lab at the Nature Research Centre. Research interests: white rot fungi, volatile organic compounds, organic compounds using gas and liquid chromatography

JONAS KASPARAVIČIUS

PhD, Research interests: Biology, ecology, taxonomy, identification, population studies, stationary studies on the influence of natural and anthropogenic factors on fungal populations, growth and abundance, practical use of fungi, fungal resources, their use and ethnomycology. Various methods of optical and electron microscopy, chemical analysis, isolation of pure cultures, stationary studies.

ŠARŪNAS PAŠKEVIČIUS

PhD, research scientist in JSC „Nomads“. Last article: Chimeric bacteriocin S5-PmnH engineered by domain swapping efficiently controls Pseudomonas aeruginosa infection in murine keratins and lung models.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS (SDGS) LINKED TO THE WORKSHOP

3 GOOD HEALTH AND WELL-BEING



7 AFFORDABLE AND CLEAN ENERGY



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES

