INTERDISCIPLINARY SUMMER SCHOOL ON SOCIETY AND TECHNOLOGY 2020

National Research ITMO University

Language of study: **English**
Mode of study: **full-time**
Duration: **1-4 week**
Availability of free education: **no**
Price: **1 week: 200 €, 2-4 weeks: 150 € per week**

Programme webpage at the university website: https://schools.itmo.ru/en/1/

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Duration: 1–4 weeks (July 8 – August 4, 2020)
Outcome: 1 week – 2 ECTS, ITMO official certificate
Deadline: 24 May, 2020
Fees: 1 week: 200 €, 2-4 weeks: 150 € per week

Brochure link https://schools.itmo.ru/images/schools/1/Summer_School_12_web.pdf

OFFERED COURSES

July 8 – 14, 2020

1. Bio&Art: Biomaterials in Art
Learn about the aesthetic potential of microbial cellulose (MB), vegetal fibers and philosophical implications of working with leaking, growing, hybrid bodies in artistic practice that stands against climate change. Compare laboratory protocols and DIY techniques for cultivating G. hansenii and investigate the aesthetic and design potential of MB. Develop innovative ideas and address issues of sustainability, ethics, and aesthetics of working with living organisms.

2. Digital Humanities
The school presents the way data affect society, raises critical questions about cultural data, its interpretation and visualization. The school comes to grips with programming, data analysis, and visualization. The program includes workshops and lectures delivered by guest experts related to data mining basics, Python programming, metadata analysis and visualization.

July 15 – 21, 2020

Science Communication: Climate Communication and Sustainability
The school covers the basics of science communication and interaction between science and media in the framework of sustainable development and climate change. The school will analyze popular science texts and teach them how to make research understandable. Participants will gain confidence in communication efforts, understand how to promote research via media and science events, and how to speak about controversial scientific issues to the general public.

July 22 – 28, 2020

Science Communication in Life Sciences
The school fosters participants' communication and research skills by introducing the basics of science communication and its interaction with the media. The school will include studying science podcasts, science visualization and storytelling, immunization, vaccination, and other Life Sciences topics. Gain confidence in communication efforts, learn to promote research via media and science events and speak about scientific issues to the general public.

1. Bio&Art: Migration of Microorganisms
The essence of the school is movement and migration. People move around the world, shifting their identities and cultural traditions. Sometimes, migration happens beyond people's control, like war or natural disasters. The school teaches how to culture Physarum polycephalum in Petri dishes and collect the electrical activity of the organism. Students will link the data to the topics of migration and identity, discuss important topics and talk with migrants in Russia.

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Specializations within this programme