



INTERACTIVOS? '19

RURAL SCIENCES

Silo - Arte e Latitude rural, with the support of **Serrapilheira Institute**, presents:

Interactivos? 19: Rural Sciences, 5 projects will be selected to be developed with the contribution of collaborators and scientists mentors in a rural laboratory located in Serrinha do Alambari - RJ - Brazil, from **03 to 17 August 2019**.

Until **May 31, 2019**, professionals from different fields, artists, scientists and researchers can submit proposals for projects. The selected projects will receive transport, lodging, food, material support and mentoring of scientists, help with scientific documentation, as well as collaborators to develop their proposals.

Click [here](#) for more information.

And sign up [here](#)

For questions or problems about the form, email:

interactivos@silosilo.org.br

INTERNATIONAL CALL

Interactivos?'19: Rural Sciences

CONTEXT

Interactivos? is a laboratory for the development of projects in a collaborative way. This edition focuses on the integration of science and society through the dissemination of science, the teaching of scientific practices and the sharing of processes generated in the course of the **laboratory to be carried out in a rural environment**.

It works like a laboratory of experimentation and participatory scientific education. Encouraging the intersection between popular, scientific, technical and artistic knowledge, this edition of **Interactivos?** wishes to welcome projects that are related to science, its methods and processes.

Having as references the methodologies and practices of citizen science projects, as well as Open Source and DIY projects, we want to expand the possibilities and opportunities of scientific research, strengthen dialogues among different disciplines, and create openings for diversity of participation in several stages of the scientific process.

Scientific methods of knowledge production are, first and foremost, inquisitive and questioning processes, in many ways: from the initial formulation of questions about phenomena and events to the interpretation of results. Acts of observation, identification, experimentation and verification are part of the scientific production process.

Projects submitted should have propose questions and experiments that address scientific issues related to ecological infrastructures, bioarchitecture, agroecology, synoptic agriculture, power generation, communication, transportation systems, biology, botany, climate change, geology, metrology, maths, physics, chemistry, agronomy, meteorology, astronomy, education, art, culture and others.

We are looking for projects that demonstrate clarity in the questions that are being asked, that have an outline of the methodology to be used and proposal of experiments to be carried out, even if they are just initial ideas.

CONDITIONS

To the selected projects we offer: transportation (for 1 person), lodging, food; work environment with tools and internet connection; collective spaces for meetings; tutors and technicians to assist in the development of the projects, mentoring of scientists and help with scientific documentation t; a small budget for materias and equipment for the development of proposals.

METHODOLOGY

This work methodology aims to be a platform for research, production and collective learning that starts from the development of the selected projects. 5 Proposals will be selected to be developed in multidisciplinary groups composed by the project proponents and up to 5 collaborators, with the advice of tutors and scientists mentors aiming the accompaniment of scientific experiments, use of scientific methods, methodologies and the careful documentation of the projects. The call for collaborators will be launched after the selection of the projects. Each working group should think about having a prototype of their idea at the end of the process. One of the key objectives of the program is to foster the development, dissemination and free access to networks of collaboration and knowledge.

BACKGROUND

The model of this program is based on the methodology developed by Medialab-Prado, a center for arts and technology based in Madrid, Spain. Since 2006, **Interactivos?** proposes an interactive model of learning that surpasses the typical hierarchical dynamics established in the teacher/student relationship. The name refers to a questioning of the idea of interactivity while proposing the collective creation and use of open tools in an environment in which participants can both learn and teach. Our team has been working with this methodology since 2012.

WHERE

Interactivos? '19: Rural Sciences will take place in Serrinha do Alambari, located in the municipality of Resende, in Rio de Janeiro State. Serrinha do Alambari is an integral part of an EPA (Environmental Protection Area), situated in the municipal area of Resende, in the state of Rio de Janeiro, on the eastern slopes of Itatiaia National Park. This area is peculiar for being a rural and environmental protection area. Serrinha has around 1,000 inhabitants, with small and medium-scale industries, commerce and tourism. The Environmental Protection Area of Serrinha do Alambari encompasses the communities of Serrinha and Capelinha, protecting the high part of the micro basins of the Alambari and Pirapitinga rivers. Its total area is 4,500 hectares

SILO

We are a civil society organization dedicated to promoting science, art and technology in rural areas and conservation units through immersive and practical experiences as transdisciplinary as laboratories of innovation, citizen experimentation and artistic residences.

