



## FREE AND INFORMED CONSENT FORM (FICF)

Fluminense Federal University

## COMPUTING INSTITUTE

**Project Title:** *Educa 360 – Research and Innovation in Multisensory Experiences for Education and the National Research and Extension Network (RENACEE\_MD)*

**Principal Investigators:** Débora Christina Muchaluat Saade and Luciana Cardoso de Castro Salgado.

**Institution:** Federal Fluminense University

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You are invited to participate in the **Educa 360 Hackathon**, a technology creation event that is part of the *Educa 360 research project and the National Research and Extension Network (RENACEE\_MD)*. *Educa 360, Research and Innovation in Multisensory Experiences for Education*, is coordinated by researcher **Débora Christina Muchaluat Saade**, and RENACEE\_MD is coordinated by researcher **Luciana Cardoso de Castro Salgado**.

Your parents or guardians have authorized your participation, but the final decision is yours. This research seeks to understand how the use of the EVA robot can **contribute to the learning, creativity, and increased interest of girls and women in STEM fields**, especially Computer Science, aiming for a more diverse gender distribution in Brazilian Science.

The event activities will be held **in person**, at participating schools and at the **UFF Institute of Computing**, in **5 meetings lasting approximately 2 hours each**, between **October 7th and November 12th**.

The event will follow this schedule:

- **1st meeting:** presentation of the **Educa 360 project**, the objectives of the hackathon and the EVA robot, with a demonstration of its functionalities;
- **2nd meeting:** explanation of the creation approach, organization of student/teacher teams for the Hackathon and start of work on the application project for the EVA robot;
- **3rd meeting:** presentation of the **EvaML** programming language and of EvaSIM simulator ;
- **4th meeting:** continuation of project development by groups;
- **5th meeting:** finalization and execution of group projects on the robot EVE.

During the meetings, **interviews, questionnaires, photos, and videos** of the activities may be conducted . This information will help to better understand how participants learn and engage in the activities.

If at any point you feel uncomfortable, tired, or don't want to answer something, **you can stop or give up without any problem** .

The information collected **will be kept confidential** and used **only for research purposes**.

Your participation is very important because it helps improve the use of educational technologies and computer science education for girls.

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## ASSENT (AGREEMENT) TO PARTICIPATE

I understood what was explained and I accept to participate in the Educa 360 project – ***Research and Innovation in Multisensory Experiences for Education, within the context of RENACEE\_MD.***

If I change my mind, I can withdraw at any time, without any problem. I have received a copy of this form and agree to participate in the research.

Niterói, \_\_\_\_\_ of \_\_\_\_\_ 2025.

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(Name and signature of the participant)

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Débora Christina Muchaluat Saade  
Principal Investigator

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Luciana Cardoso de Castro Salgado  
Principal Investigator

If you have any questions, you can contact: Research Ethics Committee of the Faculty of Medicine of UFF (CEP FM/UFF) (21) 99769-8644 | (21) 2629-9310 [etica.ret@id.uff.br](mailto:etica.ret@id.uff.br)