

Presentation of projects

Friday June 4

<https://www.mixcloud.com/RadioFrancas/>

12h15-12h45 : Global Warming - CLAE Pinsaguel(31):

Through collective research on water and global warming, the children worked together to make a «climatic fresco», including the construction of a model and a documentary exhibition.

14h-14h20 : Robotronik Club - Lycée Champollion(46) :

Presentation of the realization of a robot, 90% of the parts of which were made using a 3D printer.

14h20-14h35 : The unconscious - Sèt'Expo-Sciences(34) :

Presentation of the unconscious to show how it influences our bodies, our perceptions and our mind.

14h40-14h55 : Bird nests - Sèt'Expo-Sciences(34) :

How is a bird's nest made? What are the different types of nests. Can humans easily replicate the building ingenuity of birds?

Saturday June 5

sur <https://www.youtube.com/channel/UCmQ5jTVcmHy2GVUjrx0tTyg>

10h20-10h35 : Félicette Projet - UPS in Space(31) :

The Félicette project aims to make students and the public aware of the observation of the night sky, of the scientific process and of scientific mediation.

10h40-10h55 : Nix Olympica - Lycée Toulouse-Lautrec(31) :

Analysis of the novel «Nix Olympica» by Nicolas Beck, a science-fiction work on the first manned journey to Mars. Many technical subjects and quantity of informations are present in this novel, the students are going to question the reality of its informations.

11h-11h15 : KIDADO Sciences - FJSL (LUX) :

Presentation of Kidado Sciences, a web application whose objective is to make science accessible to everyone, especially children and adolescents.

14h-14h15 : iGEM Toulouse 2021 - INSA/UPS(31) :

iGEM Toulouse 2021 is a team of students from INSA and Paul Sabatier University participating in the iGEM international synthetic biology competition. This year the team turned to a project involving biology synthetic, the perfume industry and the violet symbol of Toulouse.

14h20-14h35 : «The intestinal microbiota: a hope» - Lycée Françoise(31) :

How to modulate the intestinal microbiota so that it has a beneficial effect on our health? Today the work on it, is a hope for medicine, because many applications can be found for improve the quality of life and health of many patients.

14h40-14h55 : Bacterial resistance to ampicillin and growth rate of escherichia coli - FJSL (LUX) : ENG

Can bacterial resistance to ampicillin affect how bacteria adapt to different temperatures? An answer given thanks to a comparison of the colonies of bacteria exposed to antibiotics and not exposed.

15h-15h15 : Which public surfaces contain the highest bacteria content ? - FJSL (LUX) : ENG

By comparing several samples of bacteria from different surfaces in public shopping centers, this study allowed to see which develops the most bacteria, grown on agar plates.

15h20-15h35 : You are, what you eat - Station Weißwasser (DE) :

ENG Presentation of the results of a three-day youth camp aimed at answering the question: what types of food are good for our health and for nature.