

#### LICEO SCIENTIFICO STATALE "ALBERT EINSTEIN"

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# SCIENCE AND THE FUTURE 29 September-6 October 2018

#### **Programme**

## Saturday 29 Sept

Arrival of the partners at about 9.10 at Bologna, pick up in the parking lot in front of the school probably at around 11.00. The teachers will stay at the hotel Levante, the students are hosted by their Italian mates

## **Sunday 30 Sept**

Free day

For teachers: lunch at Daniela's country home

## Monday 1 Oct.

**8.00 a.m. – 5.30 p.m. Day-trip** to Cooperativa Girolomoni-Isola del Piano, PU (private coach) where Italian pasta tradition and farming culture are a lifestyle based on love and respect for the planet and for those who love it.

# **Tuesday 2 Oct.**

**9.15** students and teachers meet in front of the City Hall for a welcome meeting with the council member Mrs Anna Montini

**11.15-11.30:** meeting at school (Aula Magna) – introduction to the theme of the project SCIENCE AND THE FUTURE watching part of the film "Domani"

## 12.30: Lunch + free time

**16.00:** students get back home to relax and have dinner with their Italian host families.

#### Wednesday 3 Oct.

### Day-trip to Bologna (private coach)

**7 a.m** students and teachers meet at school to head to **Bologna**, always been renewed for its love for art and excellent cuisine, but the city is also famed for its science, academic life and research. Alma Mater, the world's earliest university (1088) is still one of its most prestigious academic institutions: a city within a city

**9.00-1.00 p.m Fondazione Golinelli:** hands-on activity for renewable energy, students will build a Microbial Fuel Cell and a Gratzel Cell

Packed Lunch at Fondazione Golinelli park, transfer to Bologna Town Center - Free time in small groups

**5.00 p.m** the groups will leave Bologna to be in Rimini around 6.30 p.m

Evening: students go back to relax and have dinner with their host families, teachers go to the hotel/restaurant for dinner

## Thursday 4 Oct.

9.00 -10.45: students meet at school (Aula magna) to present the groups' projects

11.00-12.00 a.m. Finnish students and teachers join classes

#### **LUNCH**

**14.30-16.00:** Visit to Fab Lab Romagna (**FLR**), a **Social Promotion Association**; presentation of projects like Robot, Home Automation System, LED Cube, but also of different applications for the Internet of Things (IoT), created in their laboratories

(FabLab Romagna adopts "The Fab Charter" of the MIT, Massachusetts Institute of Technology).

16.00 Debug Treasure Hunt ( Fab Lab Application ), downtown Rimini

Evening: students go back to relax and have dinner with their host families, teachers go to the hotel/restaurant for dinner

#### Friday 5 Oct.

**Morning** - guided by dr.Stefano Parmeggiani (environmental engineer) visit to Azienda Ubisol (Grotta Rossa) and "Casa Bolletta Zero" - San Giuliano Rimini

Lunch and free time

For teachers: at 7.00 p.m. walk around the historic, charming town of S.Arcangelo (RN) and dinner together

### Saturday 6 Oct.

12.00 a.m meeting place at the parking lot in front of the school- the Finnish partners will leave

Rimini