

## **Conclusion on**

**Monday-Tuesday 27-28 June 2022**

**It was dealt with workshops 7, 9 and 10 each of which took one hour and half.**

The activities can be summarized as follows

### **Workshop No 7 "Astronomy behind the visible" (trainer Josep )**

Joseph has wonderfully dealt with the concept of electromagnetic radiation and what it provides us with important information about the bodies from which it is emitted

He also provided us with simple tools how to identify some of the invisible spectra, in addition to that, the number of those regions of the electromagnetic spectrum and their locations in the universe and celestial bodies and the radiation emitted from them ... etc., which provided the opportunity for everyone to learn about space observatories and the benefits of their work outside the atmosphere.. It really was So much fun

### **Workshop No. 9 "Planets and Exoplanet" (trainer Rosa)**

The workshop was aimed to understand the true meaning of the data and information available to the planets of the solar system, and in light of this, it allows us to understand the basic characteristics of the planets outside the solar system. Rosa also showed videos of the impact of a solid object colliding with a planet using simple tools and made model of the solar system from Chocolate and other one with big patch of cloth she did it with us live and it was a really great job full of useful details for everyone

### **Workshop No. 10 'Elements of Astrobiology" (trainer Corina )**

The workshop aims to discuss the vital elements of astronomy and the opportunities for life in the universe. Dr. Corina began by reviewing the different elements in the periodic table. Corina also dealt with the basic conditions for the availability of life on Earth, how planetary clouds form of gas and dust, the various aspects of star development and the habitable zone, and what are the appropriate conditions for the availability of opportunities for stars to host one or more planets... It also discussed the characteristics of the planets of the solar system and the conditions for the availability of life in them.

In fact, Dr. Corina presented the topic of the hour which were interested to the all and dealt with it in a wonderful way by presenting various activities that were made in front of our eyes and on her desk at home, and we all felt that we were already in a laboratory where she provided test tubes, chemicals and green leaves... etc to carry out these very useful activities

**Notes: what helps is that as some publications were distributed in advance to help interact with the trainer**