

Anno scolastico:

2020-2021

At the end of the 3rd Talentjourney partners' meeting, a webinar on the subject of IOT was held. About 290 people attended the event including students, teachers, companies and other organizations active in the sector. Here is the voice of some students of ISIS Malignani who attended the event.

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First of all, the event generally treated IoT. Internet of Things is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.

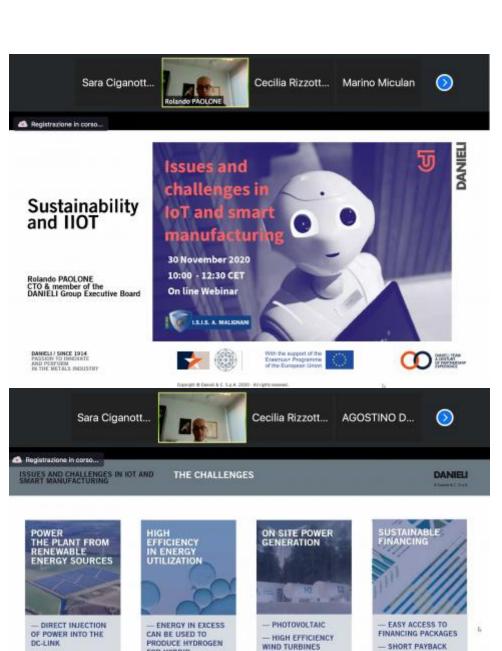
The topics that impressed us the most were the evolution of Internet use, the wide range of scenarios that are covered by Internet of things and the sustainability issue.

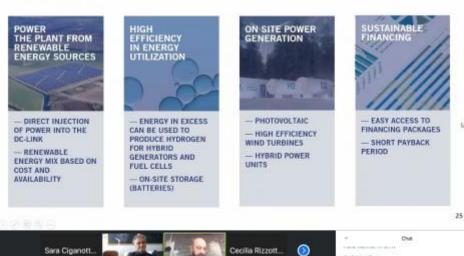
The use of the Internet has changed a lot in recent decades, initially it was used only for connectivity (email, web browsers, search) but over the years it has acquired more and more power and now it is used in many different fields: clothes, home, shopping, cars and at work. It's estimated that, in the future, more than 50 billion devices will be connected to the Internet.

The main areas of application of IoT are Home, Enterprise and Government. The applications we found more interesting were smart home, smart cars and smart devices like smartwatches, that are mainly used for fitness. In recent times, the companies which deal with the production of computer devices, have adopted a sustainable production method with low environmental impact, that is very helpful for our planet. Companies also power their plants with renewable energy sources, there is a great efficiency in the use of energy and a sustainable financing system.

In conclusion, we noticed that society is developing year by year and in the future more and more applications of Internet of things will be invented.

Testo elaborato da Cristian Coppo, Alessandro Marseu e Kristina Shinko (4 TEL C), a partire dai loro appunti personali e da quelli elaborati e condivisi dagli altri studenti della classe 4 TEL C.





Da Fabio a Turni De Alexanto Hisshellari a Tutti: helioo

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De Sentino Bandatol o Turti: My personal greetings to professor Miculan

to surselsool we are going to plan an lot Design Course. Can professor Misulan recommend some developing platforms which are used not only in educational systems but also in the industry?

what about privacy concerns in regards to data codection?

[] Fin [--]

Co. partit is Turti. what happens to big data and privacy?



IoT devices are even more vulnerable than usual software systems because

- · Always connected => can be always attacked
- · Often wireless => can be easily attacked (no physical separation)
- · Very heterogeneous => difficult to cover all the variants · Installed and forgotten (until something bad happens)
- · Often not updated -> vulnerabilities are not patched
- · Not powerful -> cannot implement complex security mechanisms

Since they control important aspects of our life, they are important for us
they attract the interest of cybercriminals looking for ransoms, or to change elections, or to stop some critical infrastructures, etc.



Indicizzazione Robots:

SI

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