FONDAZIONE BRUNO KESSLER
MAGAZINE

The Webvalley 2020 team is ready to start

July 30, 2020

The FBK summer school this year will be in online edition from 17 to 28 August

Twenty-one high school and higher education students, 16 from Italy (including 7 from Trentino and 1 from the province of Bolzano) and 5 selected among the finalists of the ISEF Regeneron Award, the world convention of competitions for young researchers held in the United States. These are the participants of the **2020 edition of WebValley**, the international summer school of Data Science that **Fondazione Bruno Kessler** of Trento has been dedicating to young science and technology enthusiasts since 2001.

Following the particular situation linked to the Covid-19 emergency, the **2020 edition will take place remotely and will last for 2 weeks, from Monday 17 to Friday 28 August**. This year's theme will be **artificial intelligence applied to computational biology and precision medicine.**

As in previous editions, the participating girls and boys passed the selection of a group of experts who assessed in particular the soft skills, personal motivation and curiosity of the candidates, as well as good communication skills also in English.

All information on WebValley 2020 participants can be found here:
https://webvalley.fbk.eu/participants/2020/

The **"WebValley 2020 Reimagined: training the AI future generation"** camp provides a first week of online courses and workshops to build the baggage of scientific and technological knowledge that the young participants can immediately contextualize and put into practice. In the second week, with the support of FBK researchers and experts from international laboratories, the team will devote itself to a real scientific research project, combining themes of excellence with cutting-edge technological resources, such as computing in cloud environments and shared management tools.

“In particular”, explains **Claudia Dolci, head of the RIS Unit – Research and Innovation** for the FBK School and co-director with Giuseppe Jurman in the **staff of WebValley 2020** “this year’s edition intends to provide young participants with an overview on the indispensable tools in the profile of the new generation data scientists and bioinformaticians. The final objective of the project will also be the creation of a training package, consisting of theoretical lessons, practical hands-on and application of tools, which can then be made available for the future as well. The initiative takes place under the patronage of the Autonomous Province of Trento, in collaboration with Regeneron ISEF, TAG Artigianelli, IP4FVG – Area Science Park Trieste and numerous scientific partners (University of Padua, University of Bristol, Institut TUTTE, Orobix, HK3Lab, Elixir Italy) and Microsoft, which will make MS Teams tools available for videoconferencing, teamwork and sharepoint for documents and cloud computing tools on the Microsoft Azure platform for scientific analysis and project development.

The WebValley International Summer School website where you can also find an overview of the projects developed in previous editions is: https://webvalley.fbk.eu/

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