

EU
DII 38
—OVER THE TOP—



BRIEF EUDII 38: OVER THE TOP



Event Description

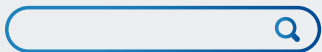
The University Meeting of Industrial Engineers (EUDII) is the largest free-entry symposium in southwestern Colombia, where conferences are given to the public on the most influential topics in modern industry. To achieve this, the students of the Engineering Project Management course are challenged to organize every detail of the event, from logistics and sponsors, to selecting the best speakers, both nationally and internationally.

In EUDII 38 Over the Top the auditoriums of the Icesi University move to the home of each of the students, graduates, businessmen and other public interested in the event, it will be held on Thursday, May 28, 2020, starting at

10:00 am (Colombia), through different digital media. to show the role that Industry 4.0 is playing in the development of the new era of industry and services.

Thanks to the execution of this project, the organizers not only learn, but also live the experience of teamwork, public relations, resource management and leadership in a real setting.





WHAT DOES EUDII 38 BRINGS?

The fourth Industrial Revolution is here, and it is unstoppable. Since last decade it has been generating impact in new ways of production, organization, distribution and security of the enterprises. That is why EUDII in its 38th version is taking Industry 4.0 as main topic with three different approaches: first one is Robotic, which includes design, building and use of robots that can substitute people in some different activities. The second one is Internet of things, which lets through networks of digital information, connect objects and devices. The last one is virtual and augmented reality, one as a technology which creates a virtual environment around people, the other

one which lets user visualize the real world, adding different virtual features through a technological device.

Objective

The Eudii 38 has as main objective to offer a high quality academic event which let people appreciate the importance of industry 4.0 in the development of the new industry, achieving that the spectators attending the event have a new perspective about the different topics. On this way, society will keep recognizing Icesi University and its engineering faculty because of its academic excellence





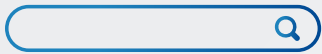
SUBJECT AREAS / APPROACHES



1 ROBOTICS

Medicine, farming, transport and even housekeeping are just some of the fields where robotics have generated a great impact. Now, realizing activities like surgeries, building up a car, explore a new planet or just make a door delivery can be done on an automatic way, easy and intelligent thanks to the use of robots. The modern industry has a new duty on their processes to get themselves to the top. “or even upper, over the top.”





2 IoT

Even if the concept Internet of things is not the newest trend, in the last years the industry 4.0 has achieved its use in different areas, thanks to the technological advances and the need of big companies of being even more connected. As a result, those enterprises have linked their machines through the net and on this way, they have been able to collect lots of data which lets them know in real time the state of their orders and operations, to take decisions and to improve their processes and services. Because of that, this approach looks for recognized and successful enterprises and their challenges in the use of IoT.



3 VIRTUAL AND AUGMENTED REALITY

This group of technological tools have allowed to enrich the real world or to replace it through layers of visual information, pictures, videos and 3D objects. This give a more complete, fast, easy and interactive vision of the environment in which it is being applied or it is replaced totally for a virtual world. To know how this set of tools intervened in fields ranging from design, simulation, logistics and maintenance processes, scientific research and training of human talent in areas such as medicine, to aspects of everyday life such as mobile applications makes this approach essential to understand the elements of success of big enterprises of the actual world, which will be the minimal requirements of the future enterprises.





Kind Regards,

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