



**EU LAC FOCUS FIFTH HOT TOPIC WEB CONFERENCE:  
THE ETHICS OF ARTIFICIAL INTELLIGENCE**

**SPEAKERS:**

**VANINA MARTINEZ**, Visiting Professor at Institute for Computer Science (ICC), University of Buenos Aires, Argentina

**PROF. DR. EDSON PRESTES**, Professor at Institute of Informatics of the Federal University of Rio Grande do Sul, Brazil

**MODERATORS:**

**ALEJANDRA DAVIDZIUK, AGUSTINA VELO**, Secretariat of Science, Technology and Productive Innovation of Argentina

**DATE & TIME: 20th November 2019, 14.00 CET** (duration max. 2h)

AdobeConnect Link: <https://webconf.vc.dfn.de/rkatubt36sf8/>



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## BACKGROUND

The development of societies worldwide is currently defined from parameters linked to digitalization and the adoption of technology. In this sense, the impact of digital transformation and the race for the development of artificial intelligence (AI), robotics, the Internet of things, the 5G network infrastructure, the commercial and public management models based on data, among others, generate important opportunities and new challenges.

This web conference will not only shed light on the impact artificial intelligence has on the cultural and social aspects of our societies and on humanity's daily life, but with the help of two specialists in the field we will also focus on an essential topic of debate in the discussion of artificial intelligence: ethics.

In line with the above mentioned frame, this web conference on Artificial Intelligence aims to present the development of AI in Argentina and Brazil, in order to identify cooperation strengths and opportunities with the EU in this topic.

As AI is a globally discussed topic, a web conference that enhances bi-regional exploratory dialogue between Latin American countries and the EU, will help to contribute to the identification of new topics to be approached in order to explore potential common bi-regional actions.

## AGENDA

(ALL TIMES IN CENTRAL EUROPEAN TIME)

<b>14:00 - 14:10 pm</b>	Welcome, presentation & objectives	<b>Alejandra Davidziuk Agustina Velo</b>
<b>14:10 - 14:30 pm</b>	Ethical challenges of artificial intelligence	<b>Vanina Martínez</b>
<b>14:30 - 14:50 pm</b>	Ethics : The New Frontier of Technology	<b>Edson Prestes</b>
<b>14:50 - 15:10 pm</b>	Bi-regional cooperation opportunities on AI	<b>Alejandra Davidziuk</b>
<b>15:10 - 15:40 pm</b>	Discussion between the speakers and tour the table to the participants	<b>All</b>
<b>15:40 - 16:00 pm</b>	Main conclusions, next steps & Wrap up	<b>Alejandra Davidziuk Agustina Velo</b>

## ABSTRACTS:

### ETHICAL CHALLENGES OF ARTIFICIAL INTELLIGENCE BY VANINA MARTÍNEZ

It is undeniable that the development of artificial intelligence will have a strong cultural and social impact on the daily life of humanity. In fact, we can already feel it through the many AI-based applications, which facilitate or improve the lives of many people. There are examples as simple as anti-spam systems or digital assistants who speak to us and advise us naturally. Others are somewhat more sophisticated, such as the remote monitoring system that allows forest fires to be predicted, or cancer diagnosis or systems predicting blindness, or semi-automatic landing attendants in large airports and even driverless cars. And all of these are modest examples compared to the future evolution predicted for this technology. But, as with any other disruptive technology, not everything is profit and prosperity. Its development and / or misuse or lack of ethics also exists. In recent years we have witnessed different and varied episodes that highlight the fact that the main discussion on the use of potentially so powerful a technology should be addressed immediately from all possible points of view: the academic world, the business sector, the state and political sectors, but above all among the end users. We are the ones who in some way or another endorse and / or question these situations. In modern times, technological development generally advances much faster than the analysis of ethical controversies it produces. But in this particular case we believe that the approach to the ethical implications of the use of AI must be carried out a priori or at least in parallel.

### ETHICS: THE NEW FRONTIER OF TECHNOLOGY BY EDSON PRESTES

Nowadays, Ethics is considered the New Green. Several Companies, NGOs and Governments already understood how important is to put the human being in the center of our technological development. This implies in understanding not only the human values but also incorporating them in all technological products which may be software or hardware. If technology is developed without this consideration, certainly it will impact negatively people's daily lives. In fact, we are already witnessing this impact in current technology. There are several examples of human rights violation. This trend tends to increase if we, as a global society, do not have a wide conversation and reach on a global agreement. Fortunately, organizations like IEEE and UN are playing a proactive role in this discussion. In this talk, I intend to give an overview about the IEEE and UN initiatives and also provide information about how to join these global efforts. My main message is we need to be the protagonists of our lives!

