

Artificial Intelligence, Automation & Robotics Webinar 2020

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Meetings International is organizing 2nd International Conference on Artificial Intelligence, Automation & Robotics 2020 organized in Dubai, UAE during August 26-27, 2020. Artificial Intelligence 2020 warmly welcomes the researchers and developers, professionals who are studying or analyzing in the fields of Artificial Intelligence, Automation, Robotics, etc., and other associated organizations to participate in the event and grasp knowledge about the recent researches regarding stem cell and regenerative artificial intelligence and their analysis. This conference will consist of the keynote talks, session talks, oral presentations, poster presentations, B2B networking etc. The aim of this global conference is to promote the recent advances in Artificial Intelligence with its applications as well as the cell and gene therapy which stands as the new therapeutic approaches. The conference will also support and motivate the young researches in the fields of Artificial Intelligence to meet the new advancements.

We sincerely hope that Artificial Intelligence 2020 would serve as an international platform, creating new opportunities in the Stem Cell and Regenerative Medicine Research.

The Theme of the Conference is Shorthand for a combination of technologies

Scientific Sessions of Artificial Intelligence 2020

Artificial Intelligence 2020 Conference covers about Artificial intelligence (AI) which is a branch of computer science that involves in developing computer programs to complete tasks. AI algorithms can tackle learning, perception, problem-solving, language-understanding and/or logical reasoning. It is used within the Google searches, Amazon's recommendation engine, and GPS route finders. Even when AI is used to control robots, the AI algorithms are only part of the larger robotic system, which also includes sensors, actuators, and non-AI programming.

Robotics is a branch of technology that deals with physical robots, which are programmable machines that are able to carry out a series of actions easily. The three im-

portant factors which constitute a robot are; Robots interact with the physical world through sensors and actuators, they are programmable and are usually autonomous or semi-autonomous. Artificially intelligent robots are the bridge between robotics and AI that are controlled by AI programs. All industrial robots are programmed to carry out a repetitive series of movements where they do not require artificial intelligence.

Artificial Intelligence 2020 Conference covers the information about the artificial neural networks that are one of the main tools used in machine learning. As the "neural" part of their name suggests, they are brain-inspired systems which are intended to replicate the way that we humans learn. Neural networks consist of input and output layers, as well as a hidden layer consisting of units that transform the input into something that the output layer can use. They are excellent tools for finding patterns which are far too complex or numerous for a human programmer to extract and teach the machine to recognize. Artificial neural networks are the key tool of machine learning. These are the systems that are developed by the inspiration of neuron functionality in the brain, which will replicate the way the humans learn. Neural networks constitute both input & output layers with hidden layers that contain units which change input into output.

Artificial Intelligence 2020 would be discussing on the various topics like nature-inspired algorithms, population-based methods, and optimization where selection and variation are integral, and hybrid systems where these paradigms are combined. Evolutionary Computation draws inspiration from nature's evolutionary process. Evolutionary Computation is a name given to the group of algorithms and problem-solving techniques inspired by the evolutionary process, to provide solutions for highly complex problems which cannot be solved in polynomial time. Artificial Intelligence as we know and understand to set a path through the contrast and what we achieve by Evolutionary Computation, i.e. finding new routes to the necessarily venture. In simpler terms, the present state of Artificial Intelligence is limited to what our knowledge deems right or wrong.