



Robotics and AI for Swarm Intelligence

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Robotics and AI 2020 is pleased to welcome all enthusiastic Technicians, experts, authors and participants from around the globe to the prestigious "2nd International Conference on Robotics, Artificial Intelligence and Machine Learning" which is about to be held in Barcelona Spain on December 09-10, 2020.

The more a machine can see what's going on around it, the more it can achieve. Applications, for example, in 2019, automated "recognition" will keep on improving, however once more, just gradually. Vision sensors, for instance, are moderately modest, yet the calculation control expected to process the data comes at a significant expense. Calculations will improve after some time; however the hole between human vision and PC vision will stay generous. Robots won't supplant all occupations, but instead advance them. Furthermore, as computerization turns out to be increasingly inescapable as self-driving vehicles, trucks and even maritime compartment ships start to come on-line, the employments will probably move to new areas. For instance, the activity of "remote administrator" will be among the hot new professions. On the off chance that a self-ruling truck in California experiences a mishap or a cleaned-out street, a remote administrator in Ohio can "take the wheel" and guide it around the problem. Instead of working close by the robots, a few people will be in another state or much another landmass. Simulated intelligence is making robots simpler to prepare, which thus makes them an increasingly reasonable speculation for littler organizations as it decreases the expense of establishment, preparing and continuous programming. Robots like Baxter and Sawyer from Rethink Robotics can be prepared by basically managing their arms a couple of times – it learns through showing and projects the right movement itself. The simpler it is to show a robot new thing, the more it can learn. Indeed, even the most straightforward errands a robot performs will rely upon 3D machine vision to nourish information into AI innovation. Getting a handle on an item, for instance, without pre-decided areas and movements would be incomprehensible without machine vision fit for recreating a 3D picture, and AI to make an interpretation of this visual data into a fruitful activity with respect to the robot.

The Organizing Committee of Robotics and AI 2020 along with the support of Various Societies and Media Partner take the privilege to encourage the Participants and Young Researchers from various parts of the globe to stage their

research works among the global experts.

THE VARIOUS CATEGORIES OF PRESENTATION AVAILABLE AT THE ROBOTICS 2020 ARE:

- Oral Presentation
- Poster Presentation
- Keynote Talk
- e-poster presentation
- Video Presentation
- Young Researchers Forum

THE VARIOUS AWARDS TO BE PRESENTED AT THE EVENT ARE:

- Young Scientist Award and Research Excellence Award
- Best Keynote Presentation
- Best Poster Presentation
- Research Excellence Award

Young Scientist Award: Robotics and AI 2020 Promotes the design of the Young Scientists Awards to promote achievement in various fields of science and technology Such honours are referred to as "Young Scientist Honours." The creation of the Best Young Scientist Award will be named by the board and, if they wish to print the full-length article, they will be able to publish free of charge in support of the corresponding conference's worldwide journals.

Eligibility: Any scientist, engaged in research work laboratories/institutes, who is not more than 35 years of age, is eligible for the Award.

Criteria: Each scientist must submit their unique research works.

Best Keynote Presentation: Each Speaker will be provided with 40minutes for presenting their research work. The Best Keynote award will be decided by the Scientific and the Organizing Committee.

Eligibility: Any scientist, experienced individual in the field engaged in research work laboratories/institutes is eligible for

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the Award.

Criteria: Everyone must submit their unique research works.

Best Poster Presentation: A poster is a method of presenting your research to an audience in a visual format. Robotics and AI 2020 offers the unique opportunity to showcase your research in the poster format. Posters will be evaluated based on the following three parameters; those are Presentation Style (5), Research Quality (5) and Layout/Design (5). Best posters will be given an opportunity to publish the full work at discounted processing charges in the supporting international journals. Best poster Award: 3 best posters will be awarded at the closing ceremony of the conference.

Criteria: Posters should stimulate discussion, do not give a long presentation. Therefore, keep text to a minimum, emphasize graphics, and make sure every item in your poster is necessary.

Eligibility: Any scientist, experienced / Young Researcher individual in the field engaged in research work laboratories/institutes is eligible for the Award.