

Call for Contributions

1. Inform the Chair

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=INTELLI+2021+Special>

Please select Track Preference as **SLSIA**

3. Note: *For 2021, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

SLSIA: Self-learning and Self-adaptive Systems for Intelligent Applications

Chair

Dr. Muddasar Naeem, ICAR-CNR, Italy

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Co-Chair

Ing. Antonio Coronato, ICAR-CNR, Italy

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along with

INTELLI: The Tenth International Conference on Intelligent Systems and Applications

<https://www.iaria.org/conferences2021/INTELLI21.html>

July 18, 2021 to July 22, 2021 - Nice, France

Artificial Intelligence (AI), especially Reinforcement Learning (RL) and Deep Learning (DL), can enable the realization of a new generation of personalized healthcare services. This new class of services may be empowered with the ability to self-learn, self-configure, and self-adapt to new needs that the patient may have over time achieving a better quality of service. These services are personalized concerning patient's needs and requiring lower human interventions for construction, configuration, and maintenance. Self-learning and self-adaptive systems are based on methods that are able to learn and adapt in an environment dynamics with or without having any prior knowledge. Modern Artificial and Machine Learning techniques, i.e., RL, Inverse RL, DL and Multi-agent RL are examples of such methods.

We encourage contributions ranging from theoretical studies, through systems design, to subjective user studies. Applications of RL, Inverse RL, DL, Multi RL and other AI-based methods cover a large spectrum of domains.

Topics include, but not limited to

- Robotics and autonomous control
- Healthcare
- Communication and networking
- Natural language processing
- Games and self-organized system
- Scheduling management and configuration of resources
- Computer vision
- Business and finance

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Important Datelines

Inform the Chair or Coordinator: As soon as you decide to contribute

Submission: June 14, 2021

Notification: June 26, 2021

Registration: July 2, 2021

Camera ready: July 3, 2021

Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.

Paper Format

- See: <http://www.iaria.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaria.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iariajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=INTELLI+2021+Special>

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaria.org/registration.html>

Contact

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