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 **iReCoNeS**
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

iReCoNeS: Intelligent Resilience of Communication Networks and Systems

Chair

Dr. Ioannis A. Pikrammenos, PhD, MBA, MSc, Mediterranean College, Athens, Greece
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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

The rapid technological evolution has introduced complexity to the operation of the systems. The difficulty to cope with the diverse environments of the layered approach is more evident when an unexpected situation occurs. The layered protocols are consisted from standardized procedures, allowing for the manipulation of malfunctions, nevertheless their operation is not always the most effective. The introduction of intelligence will enhance the capability of a system to survive outbound situations more effectively. This procedure requires interlayer information sharing and effective management of distributed agents. Decision schemes may vary depending on the deployment and the service requirements. Prior good operation may drive patterned analysis and as such make intelligence more effective. Orchestration of available resources may answer the challenge of effective resilience. While adaptation to a rapidly changing reality may drive future needs, intelligence is a central ingredient to drive it up.

In this Special Track, we focus on the introduction of intelligence into networks and systems to enhance resilience. Topics of interest in current research, development as well as ideas could be virtualized environments, next generation low latency networks, security orchestration, sustainability of critical infrastructures, enhanced man to machine communication, digital twins, and so on.

Topics include, but not limited to

Network Function Virtualization/Software Defined Networks (NFV/SDN);
Next generation low latency networks;
Security orchestration;
Adaptive User Interface;
Digital Twins.

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
Please select Track Preference as **iReCoNeS**

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

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