

# Call for Papers

## Applications of AI in Cybersecurity

Workshop organized as part of the

# Transdisciplinary AI Conference

## TransAI 2019

September 25-27, 2019, Laguna Hills, California

### Aims and scope of the workshop:

Expectations of the impact that Artificial Intelligence applications shall have in a variety of application domains and areas have risen faster than many of us were able to foresee.

The risks we see may come from two possible areas:

- Unmet expectations can lead to a new AI winter – and this time there will be fairly less justified reasons coming from the investors' and the markets side than from the science and technology
- A potential technology burnout effect that will be the result of overpromising while the technology application base is still ill-defined or needs more efforts, resources and time for maturing.

In this workshop our focus is on the market of cybersecurity applications and services.

This is especially important in critical vertical sectors and domains, where transdisciplinary AI technologies can be deployed in while aligned to the specific application area needs, in view also of the context of the increased number and also of the growing complexity of cyberattacks.

### Why the workshop would be beneficial for you?

- We shall focus mainly in the cross-section of technology development and the transfer of results into applications in the area of cybersecurity.
- We shall deploy all our examples from real-world case studies in public organisations and companies.

In particular we shall provide examples from the European Horizons 2020 Innovation Project CS-AWARE (<https://cs-aware.eu/>) that aims to offer a holistic cybersecurity awareness solution aimed at local public administrations, non-governmental organizations and small and medium enterprises to protect against and detect attacks as well as offering sound and realizable solutions by – amongst others - automatic incident detection and visualization, information exchange with public authorities, system self-healing as well as multi-lingual semantic support.

### Important dates:

(Regular, short, position) paper submission deadline: **July 1, 2019**

Notification of acceptance: **August 6, 2019**

Camera ready deadline: **August 15, 2019**

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**CS-AWARE**  
**CYBERSECURITY**

solution for local public administrations based on advanced big data analysis”.