



Special Session on

Artificial Intelligence and Crisis: COVID'19, ...

Organized and co-chaired by:

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Call for Papers

All countries have to face the COVID'19 pandemic and its dramatic consequences. This sanitary crisis differs from all others in terms of the quick spreading of contaminations, the high number of deaths (more than 5,5 Million globally) and the large number of patients hospitalized in intensive care units. All countries tried to face economic, social and sanitary consequences due to this pandemic. Several techniques especially Artificial Intelligence ones are used to this purpose. For instance, classification and Machine Learning approaches to predict the contaminations and the behavior of the virus, natural language processing and sentiment analysis to study society behavior and states, knowledge engineering and ontology representations to formalize lessons learned.

Artificial Intelligence Techniques are also used to study hazards, sanitary and natural risks and crisis consequences. In this special session, we intend to discuss the successes and failures of such techniques. The session is thus devoted to research and application approaches covering different AI techniques that could help handle such situations.

Topics of interest include, but are not limited to:

- Knowledge Engineering and Management, experience feedback, ...
- Classifications and prediction of consequences
- Machine Learning and economic situations in COVID'19
- Social networks and news analysis using NLP approaches, ...
- Sentiment analysis and society behavior
- Explicability of AI algorithms and ethics

Submission of papers: deadline follows the deadline for the regular papers.

All the instructions for paper submission are included in the conference website:

<https://ieeefrance.org/author-guidelines/>