

## **Special Session on Digital Transformation Technologies for Crisis Response (DTTCR 2020)**

The new paradigms and tremendous advances in computing, communications and control have provided and supported wide range of applications in all domains of life, in particular, bridging the new promising applications using emerging technologies. These are often referred to as Digital Transformation Technologies, which involve using digital technologies to remake a process to become more efficient or effective, and then use these technologies to transform services into something significantly better and more useful. The integration of some leading technologies today, namely, clouds, Internet of things, Big data, block chain, 5G, AI, and social media, may results in huge opportunities, this however raises several challenges and concerns at the same time. One of the most appealing applications of such integration is designing systems that can be useful in crisis times, such as the COVID-19 crisis. This special session is intended to attract research work related to the latest challenges, technologies, solutions, techniques and fundamentals pertaining to the use of digital transformation technologies in the design of systems for crisis response.

- Real-time Sensing, Reasoning and Adaptation systems.
- Technologies for response for crisis in Education systems.
- 5G solutions for crisis management,
- Security and Privacy issues in social control and response systems
- Pandemic response systems
- AI in crisis management.
- Technology roles in crisis prediction
- Integration of transformation technologies for crisis management.
- Systems for Early Warnings and Alerts
- Technologies for Tracking and Prediction
- Smart systems for Social Control
- Early Warnings and Alerts
- Tracking and Prediction
- Data and Virtualization Dashboards
- Contact Tracing
- Surveys on related topics

### **Paper Submission page:**

EDAS submission page: <https://edas.info/N26927>

### **Important Dates**

- Papers Submissions Deadline:

August 31, 2020

- Notification of Acceptance: September 15, 2020
- Registration and Camera-ready Papers: September 30, 2020

### **Organization Committee**

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