A trip through the challenges of smart solutions for emergency and crisis management

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Abstract. *Emergencies are defined as critical situations caused by incidents, natural or man-made, that require measures to be taken immediately to reduce their adverse consequences to life and property. Examples of natural incidents are floods, wildfires, and snow storms, whereas examples of man-made incidents are fires, explosions and/or substance spills from oil platforms, ships, and factories. In large-scale events, the risk of crowd-inherent incidents such as conflicts between opposing crowds in football matches or mass panic is of particular concern. A crisis is the adverse and therefore undesired consequences of an emergency.*

The attendants of this talk will "travel" through the current solutions for emergency and crisis management and especially "travel" through the challenges to be addressed by a smart solution for emergency and crisis management. Those challenges are being addressed by RESCUER, a collaborative project between Brazil and Europe that focus on emergencies in large-scale events and industrial areas.