



safety



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Safety and Risk Management in Digitalized Process Systems

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Message from the Guest Editor

Dear Colleagues,

Process safety has always been a concern, from the dawn of industrialization. Due to catastrophic accidents worldwide, the importance of this unique research field was perceived, and several phenomenal research works helped to significantly reduce the number of accidents and provide us with a safer world.

However, due the inception of Industry 4.0 and the increasing trend of process digitalization, the conventional safety analysis techniques need to be upgraded to handle the new challenges. These new adoptions are creating more data. How these data are used will shape the future of process safety and risk management.

This Special Issue on “Safety and Risk Management in Digitalized Process Systems” aims to be a repository of state-of-the-art progress on inherent safety, hazard identification, safety culture, human factor, domino effect, fault detection and diagnosis, dynamic risk assessment and management, [...]

For further reading, please follow the link to the Special Issue Website at:

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Special Issue