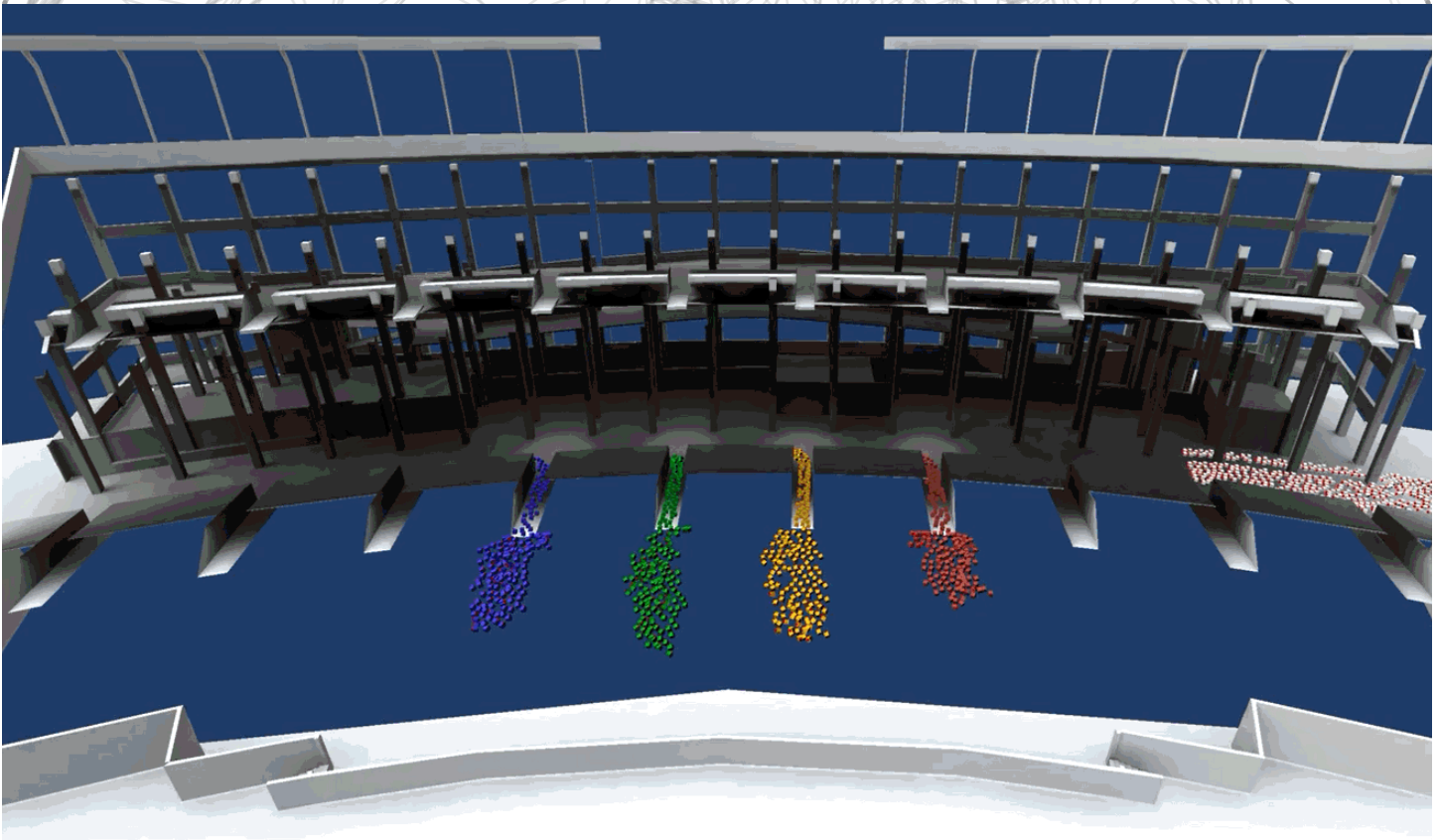


INSTITUTE FOR
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Emergency Evacuation Planning for Lane Stadium



This project addresses the need to be prepared for a large-scale emergency crowd evacuation from Lane Stadium. A real-time crowd simulation system based on an accurate 3D model of Lane stadium will be implemented as well as an emergency evacuation plan with real-time crowd simulation for different emergency scenarios, like lightening or a bomb threat. This simulation system will allow for interactive control for simulation and visualization useful for crowd behavior and environmental control. In the process of emergency evacuation planning, different scenarios can be simulated, visualized and studied through a real-time and interactive crowd simulation, leading to an accurate evacuation plan for these scenarios.

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Type: : Interactive, Simulation, Visualization, Evacuation plan, Real-time, Crowd simulation