Feb 22, 2023 - Preliminary Agenda

11:00 – 11:10

Welcome, Introductions, and Agenda Overview

Dan Isaacs, GM and CTO, Digital Twin Consortium

11:10 – 11:30

Digital Twin Consortium – Innovating a Better, Smarter World

Dan Isaacs, GM and CTO, Digital Twin Consortium

Digital Twin Consortium was founded in 2020 to help drive adoption, improve interoperability, and demonstrate the value of digital twins. With 200 member companies working together, our digital twin technology ecosystem is helping drive this multi-billion-dollar market forward. This presentation will give a brief overview of the DTC's recent initiatives and future roadmap.

11:30 – 11:50

Digital Twins on the Leading Edge

Jeff White, Chief Technology Officer – Edge, Dell Technologies

Edge is an emerging deployment pattern where data is acted upon & applications execute near your workload. Digital Twins will benefit from edge and can provide capabilities utilized by edge technology. This discussion will explore the interesting and essential connection between edge and digital twins.

11:50 – 12:10

Today's Electricity Grid's Transition to Clean Energy Sources and Response to Extreme Weather Events

Achalesh Pandey, Research Director for industrial AI, GE

GE has been developing several Digital Twin capabilities to help transition the aging electric grid infrastructure to clean energy sources and to respond to increased extreme weather events due to climate change. This talk will show a few real-world digital twin examples with business outcomes.

12:10 – 12:30

Qatar World Cup Stadiums, from Concept to Reality

Jason Pelski, Product Director, Johnson Controls

An overview of the development journey – from design twin to operational twin – for World Cup Qatar 2022 to manage climate control, security, and other operations at eight venues via a single, centralized control and command center.

12:30 – 13:30

Panel Discussion: Digital Twins and Sustainability

Our presenters will participate in a panel discussion exploring the potential of digital twins to achieve sustainability goals and support initiatives such as carbon dioxide reduction, resource efficiency, and renewable energy integration. In addition, we will explore how digital twins can be used to monitor and manage environmental impacts and create an overall more sustainable environment. Questions from the Audience are welcomed.