

**ISO 23247 Digital Twin framework for manufacturing
DIS Ballot and Use Cases, Meeting Agenda
Boeing Building 25-01, Longacres, Seattle**

Monday February 3rd to Friday February 7th, 2020

Monday February 3rd – ISO 23247 DIS Ballot Preparation

09:00AM	Welcome, Introductions, Finalize Schedule
10:00AM	Coffee break
10:30AM	Parts 1 & 2 review
12:00PM	Lunch
01:00PM	Parts 3 & 4 review
03:00PM	Coffee Break
03:30PM	Review ballot comment responses with Far East P-Members
05:00PM	Close

Tuesday February 4th – Ballot Comment Review

08:00AM	Review ballot comment responses with European P-Members
10:00AM	Coffee Break
10:30AM	Response to P-Members reviews
12:00PM	Lunch
01:00PM	Part 1 DIS submission
03:00PM	Coffee Break
03:30PM	Part 2 DIS submission
05:00PM	Close
06:00PM	No-host Dinner at Somewhere Appropriate

Wednesday February 5th – Digital Twin Use Cases

	Zoom meeting https://iso.zoom.us/j/539391489
08:00AM	Closed Loop Machining examples <i>AP242 Process plan for Spikey</i> <i>AP238 Machining plan for Spikey</i>
09:30AM	Introduction to MachiningCloud Jessy Prevost
10:00AM	Coffee break
10:30AM	Robot Drill and Fill examples <i>Robot kinematics for the South Park boys</i> <i>Machine tool kinematics for the Ninja Turtles</i> <i>Others</i>
12:00PM	Lunch

Wednesday February 5th – DIS Completion

01:00PM	Part 3 DIS submission
03:00PM	Coffee Break
03:30PM	Part 4 DIS submission
05:00PM	Close

Thursday February 6th – Digital Twin technologies

	Zoom meeting https://iso.zoom.us/j/539391489
08:00AM	Architectural issues <i>MTCConnect, OPC UA and UMIT</i> <i>STEP, STEP-NC and QIF</i> <i>PLCS and Industrial Ontologies</i>
10:00AM	Coffee Break
10:30AM	ISO 23247 Technology gaps <i>Observable Elements and the Digital Exhaust</i> <i>Data Collection and the Digital State</i> <i>Digital Twin and its applications</i>
12:00PM	Lunch

Thursday February 6th – Robot Drill and Fill Use Case

01:00PM	Travel to UW
02:00PM	UW BARC Lab Robots – Kenny, Kyle, Stan & Cartman
03:00PM	Discussion of use case goals with UW students
06:00PM	No-Host dinner somewhere inappropriate

Friday February 7th – Action Items for Bergen meeting

	Zoom meeting https://iso.zoom.us/j/539391489
08:00AM	Action items for Bergen meeting
10:00AM	Coffee Break
10:30AM	Travel to Everett
12:00PM	Lunch – meet Brian Chiesi

Friday February 7th – Wide Body Tour

01:00PM	Wide body tour
02:00PM	Closing session
03:00PM	Close