

**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	Part 1 & 2 ballot comment responses
12:00PM	Lunch
01:00PM	Parts 3 & 4 ballot comment responses
03:00PM	Coffee Break
	Zoom meeting https://iso.zoom.us/j/183593458
03:30PM	Review ballot comment responses with Far East P-Members
05:00PM	Close

Tuesday February 4th – Ballot Comment Review

	Zoom meeting https://iso.zoom.us/j/951028447
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 Inappropriate

Wednesday February 5th – Digital Twin Use Cases

	Zoom meeting https://iso.zoom.us/j/539391489
08:00AM	Use case examples <i>Robot drill and fill</i> <i>Closed Loop Machining</i> <i>FAA Inspection</i> <i>Others</i>
10:00AM	Coffee break
10:30AM	Digital Twin models <i>Airframe PMI models</i> <i>Robot and Machine Tool kinematic models</i> <i>Parallel and sequential process models</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	Use case technologies <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	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 in downtown Seattle

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