

**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

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| 08:00AM | Badging begins |
| 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

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| 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

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| | 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

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| 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

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| | 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

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| 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

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| | 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

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| 01:00PM | Wide body tour |
| 02:45PM | Closing session |
| 03:15PM | Close |