



AGENDA FOR THE 36th MEETING OF THE SAE AISC-SHM COMMITTEE

Chair: David Piotrowski
Vice-Chair: JB Ihn
Secretary: Maire-Anne DeSmet

September 10-12th, 2023
Hybrid Meeting

Co-located with IWSHM
Crowne Plaza
Palo Alto, CA
September 10-12, 2023

All times listed are in Pacific US Time

NOTE: Sessions on Sunday (all day), Sept 10th, and Monday (all day), Sept 11th will be available on Webex. Joint Sessions on Tuesday (morning), Sept 12th will not be available on Webex.

Day 1: Sunday, September 10th
(8:30 am – 5:00 pm)
Meeting Room: XXXXX

8:00 am
Arrival & setup

8:30 am
Welcome and Introductions
(David Piotrowski - Delta TechOps)

- Agenda
- Attendance & new member introductions
- Meeting rules
- Review of the SAE Anti-Trust, Patent Disclosure and IP Statements
- Roster update status, New members

9:00 am
Membership (Marie-Anne DeSmet, Dfinder)

- Review candidates for membership
- Revise member status as appropriate

9:10 am
Review of the Minutes from the last Meeting (Marie-Anne DeSmet, Dfinder)

- Revise (if necessary) the minutes for record / publication on SAE Standards Works (no discussions on action / pending items)

9:15 am
Review Open Action Items from previous meetings (Marie-Anne DeSmet, Dfinder)

- (No discussions on action / pending items)

9:30 am
SE-POD working group update
(Fernando Dotta - Embraer)

10:00 am
Break

10:30 am
Document Session - ARP6821 "Guidance for Assessing the Damage Detection Capability of SHM (Dennis Roach - DR Engineering LLC & Paul Swindell - Diakon Solutions)

11:15 am
Statistician Session (Peter Parker – NASA)

- SE-POD
- ARP6821 review
- Others

12:00 noon
Lunch break

1:30 pm

G-11PMUQ Probabilistic Methods and Uncertainty Quantification Methods (Pete Carini - Collins, Michael Gorelik – FAA)

- NASA white paper
- Missing data

2:00 pm
Liaison Activities (David Piotrowski)

- A4A NDT Forum
- AC 43-218
- FAA SHM Issue Paper
- CBM Conference 2024

- HM1
- IVHM Steering Group
- MPIG
- SAE ARP 7122 (HM-1)
- Articles & Books

2:30 am
Brief from the FAA Tech Center (Danielle Stephens - FAA)

3:15 pm
Break

3:45 pm
Document Session: HM-1 Document AIR6970 Atmospheric Corrosion Monitoring (Fritz Friedersdorf – Luna Labs Inc)

4:00 pm
Document Session: HM-1 Document ARP7122 (David Piotrowski)

4:15 pm
Document Session: Reliability in the frame of SHMonitoring and SHManagement (Marie-Anne DESMET - Dfinder)

5:00 pm
Adjourn

6:00 pm
Group dinner (TBD)

**Day 2: Monday, Sept 11th
(8:30 am – 5:00 pm)
Meeting Room: XXXXX**

8:00 am
Arrival & setup

8:30 am
Document Session: AIR7160 SHM Gap Analysis (Matthias Buderath - Airbus)

9:30 am
Airbus applications (Nicholas Dominguez, Airbus)

- AHM Focal group

10:00
Break

10:30 am
Boeing applications (JB Ihn, Boeing)

- B737 APB status – CVM
- B737 APB Status – PZT
- Chem-mill PZT Status
- B777

12:00 noon
Lunch break

1:30 pm
Industry Outreach (TBD)

- Training (FAA)

2:30 pm
New business: TBD (David Piotrowski, Delta)

3:00 pm
Break

3:30 pm
Final Discussion, Summary, Round Table (David Piotrowski)

3:45 pm
Next meetings (JB Ihn, Boeing)

- 2024 Spring
- 2024 Fall
- 2025 Spring

4:00 pm
Action items & Voting Discussion (Marie-Anne DeSmet, Dfinder)

4:30 pm
Adjourn

5:00 pm
IWSHM Reception (TBD)

**Day 3: Tuesday, September 12th
(8:30 am – 12 noon)
Meeting Room: TBD on Stanford Univ. Campus**

Joint Session with IWSHM

NOTE: This session will not be available via Webex

8:00 am
Arrival & setup

8:30 am
IWSHM Opening Panel: SHM in Aviation, sponsored by AISC-SHM

- Operator
- OEMs
- Regulators

10:30 am
Break

10:50 am
IWSHM Keynote: TBD (proposed JB Ihn, Boeing)

12:00 noon
Adjourn

Anti-Trust Statement: In discharging their responsibilities, members of the Technical Standards Board, Councils/Division, and Technical Committees function as individuals and not as agents or representatives of any organization with which they may be associated, except that government employees participate in accordance with governmental regulations. Members are appointed to SAE Technical Committees on the basis of their individual qualifications which enable them to contribute to the work of the Committee.

Patent Disclosure: Each SAE Technical Committee or SAE working group member would be required to disclose at specified times during a development process all patents and patent applications that are owned, controlled or licensed by the member, member's employer or third party and that the member believes may become essential to the draft specification under development. The member would make this disclosure based on the member's good faith and reasonable inquiry. If SAE International receives a notice that a proposed SAE Technical Report may require the use of an invention claimed in a patent, the respective part of the SAE Technical Standards Board Policy will be followed.

IP Statement: SAE's intellectual property is its most valuable asset. As such, the Society expends considerable resources maintaining and protecting its rights to its intellectual property. SAE reserves the right to copyright any of its print products, electronic products, databases, audio/visual products and any other subject matter. This is intended to protect SAE and its members from unauthorized copying and distribution of SAE intellectual property. SAE's intellectual property may only be used in a manner that furthers the organization's purposes.

It is also SAE policy that the copyrights and other intellectual property rights of third parties be respected and not infringed upon by SAE or any of its committees, or any employee, member or other person acting on behalf of SAE.

As a participant in SAE Technical Committees, individuals agree that the collective work of the committee(s) is the property of SAE, and SAE is charged with its publication, dissemination, and protection.