

ISO/IEC JTC 1/SC24 WG9 & Web3D Meetings

Meeting Date : January 14-19, Seoul, Korea

Location : Grand Ambassador Seoul Associated with Pullman, Seoul, Korea
(<https://www.ambatel.com/grand/seoul/en/main.do>)

Hosts : KATS (Korean Agency for Technology and Standards) and RRA (National Radio Research Agency)

Organizer : KSA (Korean Standards Association)

To be held in parallel with a Web3D Web conference call or an ISO Webex call
January 15-16 (Web3D meetings) at 9:00-18:00 KST on the Web3D teleconference
January 17-18 (SC24 WG9 meetings) at 9:00-18:00 KST on the ISO teleconference

January 14 (Sunday) Web3D Meeting (4F Doraji Room)

Preliminary Meeting (Chair: Myeong Won Lee)

16:00-17:00 X3D CAD conversion TR
17:00-18:00 Web3D Conference
18:00-19:00 3D printing and scanning

January 15 (Monday) Web3D Meeting (B1 Chardonnay Room)

H-Anim WG Meeting (Chair: Myeong Won Lee)

09:00-09:30 H-Anim Part 1 CD2 revision (Myeong Won Lee and Kwan-Hee Yoo)
09:30-10:00 H-Anim Part 2 CD2 revision (Myeong Won Lee)
10:00-10:30 Discussion
10:30-11:00 Coffee break

H-Anim WG Meeting (Chair: Myeong Won Lee)

11:00-11:30 H-Anim facial animation (Jung-Ju Choi and Myeong Won Lee)
11:30-12:00 H-Anim facial animation WD and examples (Myeong Won Lee)
12:00-13:30 Lunch

Internal Organ Representation (Chair: Kwan-Hee Yoo)

13:30-14:00 Respiration organ modelling (Kwan Hee Yoo and Chan Park)
14:00-14:30 Internal organ animation (Jung-Ju Choi)
14:30-15:00 Internal organ representation model (Myeong Won Lee)

3D Printing and Scanning (Chair: Kwan Hee Yoo)

15:00-15:30 JTC1 3D printing and scanning WG (Byoung Nam Lee)
15:30-16:00 Web3D 3D printing and scanning (Don Brutzman)
16:00-16:30 Discussion
16:30-17:00 Coffee break

X3D Language Binding WG Meeting (Chair: Myeong Won Lee)

17:00-17:30 X3D C language binding (Myeong Won Lee and Roy Walmsley)
17:30-18:00 X3D C++ language binding (Roy Walmsley and Myeong Won Lee)
18:00-18:30 X3D C# language binding (Myeong Won Lee and Roy Walmsley)

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January 16 (Tuesday) Web3D Meeting (B1 Chardonnay Room)

Visualization in Systems Integration (Chair: Myeong Won Lee)

09:00-09:30 SG for visualization in Systems Integration (Peter Ryan)

09:30-10:00 Smart city representation (Peter Ryan and Myeong Won Lee)

10:00-10:30 Virtual training systems integration (Myeong Won Lee)

10:30-11:00 Coffee break

JTC 1 VR AR for Education (Chair: Kwan-Hee Yoo)

11:00-11:30 SC36 VR education (Yong Sang Cho)

11:30-12:00 VR AR for education ad hoc group (Myeong Won Lee)

12:00-13:30 Lunch

SC24 WG6 and Web3D Status and Future Work (Chair: Kwan-Hee Yoo)

13:30-14:00 Web3D standards and future work (Don Brutzman)

14:00-14:30 SC24 WG6 standardization status (Richard F. Puk)

14:30-15:00 Discussion

15:00-15:30 Coffee break

X3D CAD and Applications (Chair: Kwan Hee Yoo)

15:30-16:00 SC4 WG16 CAD visualization (Soonhung Han)

16:00-16:30 X3D CAD conversion (Don Brutzman and Hyokwang Lee)

16:30-17:00 Tile-based Spherical/Cubical/Cylindrical Mapping (Kwan-Hee Yoo)

17:00-17:30 HMD representation in X3D (Kwan-Hee Yoo)

18:00-20:00 Reception

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January 17 (Wednesday) SC24 WG9 Meeting (B1 Chardonnay Room)

Session 1: Current Work Items Progress (Chair: Gerry J. Kim)

9:00-10:15 Updates on MAR contents on information model (Gerry J. Kim)

10:15-10:45 Coffee break

10:45-11:15 Progress with MAR reference model (Gerry J. Kim)

11:15-12:00 Updates on sensor representation in MAR (1) (Myeong Won Lee)

12:00-13:30 Lunch

13:30-14:45 Updates on sensor representation in MAR (2) (Myeong Won Lee)

14:45-15:15 Coffee break

15:15-17:30 Updates on live actor and entity representation in MAR (Kwan-Hee Yoo)

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January 18 (Thursday) SC24 WG9 Meeting (B1 Chardonnay Room)

Session 2: Current Work Items Progress (Chair: Gerry J. Kim)

9:00-10:30 Updates on benchmarking framework of vision-based spatial registration and tracking methods for MAR (Takeshi Kurata)

10:30-11:00 Coffee break

Session 3: New Proposals and Discussion (Chair: Gerry J. Kim)

11:00-12:00 Information model for LAE in MAR (Kwan-Hee Yoo)

12:00-13:30 Lunch

13:30-14:15 Webizing MAR contents (Byoung Hyun Yoo)

14:15-15:00 Sensor 3D modeling language (Myeong Won Lee)

15:00-15:30 Coffee break

15:30-16:00 Support for image based environment in MAR (Gerry J. Kim)

16:00-16:30 Support for flexible haptic simulation in MAR (Gerry J. Kim)

16:30-17:15 3D graphics in automation system of tactile map (ChungWeon Oh)

17:15-18:00 HMD representation in MAR (Kwan-Hee Yoo)

January 19 (Friday) Web3D Meeting (14F Executive Board Room, Business Center)

X3D Meeting (Chair: Don Brutzman)

09:00-10:30 X3D Scene Access Interface (SAI) and Unified Object Model

10:30-12:00 X3D Java Scene Access Interface Library (X3DJSAIL)