### January 16 (Monday) Web3D Meetings

**X3D Language Binding WG meeting (Chair: Myeong Won Lee)**

- 09:00-09:30 X3D language binding progress (Roy Walmsley)
- 09:30-10:00 X3D C++/C# language binding examples (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 examples, Myeong Won Lee
- 12:00-13:00 Lunch

**X3D CAD WG Meeting (Chair: Hyokwang Lee)**

- 13:00-13:30 X3D CAD and 3D printing (Hyokwang Lee)
- 13:30-14:00 X3D CAD conversion technical report (Hyokwang Lee and Don Brutzman)

**Internal Organ Representation (Chair: Kwan-Hee Yoo)**

- 14:00-14:30 Respiration organ modelling (Kwan Hee Yoo and Chan Park)
- 14:30-15:00 Internal organ animation (Jung-Ju Choi)
- 15:00-15:30 Internal organ representation model (Myeong Won Lee)
- 15:30-16:00 Coffee Break

**X3D AR WG Meeting (Chair: Gerry J. Kim)**

- 16:00-16:30 Web3D AR standardization status (Gun Lee)
- 16:30-17:00 Material property representation for haptic simulation (Gerry J. Kim)
- 17:00-17:30 Supporting real time image based rendering in VR (Gerry J. Kim)
- 17:30-18:00 X3D VR service framework (Kwan-Hee Yoo)
January 17 (Tuesday) Web3D Meetings

**JTC 1 Smart City WG Collaboration (Chair: Myeong Won Lee)**

09:00-09:30 Overview of JTC 1 WG 11 Smart City (Dapeng Jhang)
09:30-10:00 Smart city representation (Peter Ryan and Myeong Won Lee)
10:00-10:30 Discussion

10:30-11:00 Coffee break

**JTC 1 SC36 Collaboration in VR Education (Chair: Kwan-Hee Yoo)**

11:00-11:30 Prospects for educational purposes of VR and MR: expectations and concerns from educational perspectives of JTC1/SC36 (Yong Sang Cho)
11:30-12:00 SC24 VR education framework (Myeong Won Lee)
12:00-12:30 Discussion

12:30-13:30 Lunch

**SC24 WG6 and Web3D Standardization (Chair: Myeong Won Lee)**

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

**JTC 1 3D Printing and Scanning SG Collaboration (Chair: Kwan-Hee Yoo)**

15:30-16:00 3D printing and scanning from the perspective of JTC 1 (Byoung Nam Lee)
16:00-16:30 Web3D 3D printing and scanning (Don Brutzman)
16:30-17:00 Discussion

18:00-20:00 Reception
January 18 (Wednesday) SC24 WG9 Meetings

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

09:00-10:00 MAR reference model (Gerry Kim)
10:00-10:30 Coffee Break
10:30-12:00 Updates on MAR information model (Gerry J. Kim)
12:00-13:00 Lunch
13:00-15:00 Updates on sensor representation in MAR (Myeong Won Lee)
15:00-15:30 Coffee Break
15:30-17:30 Updates on live actor and entity representation in MAR (Kwan-Hee Yoo)
### Session 2: Current Work Items Progress (Chair: Gerry J. Kim)

09:00-11:00 Updates/WD submission on benchmarking framework of vision-based spatial registration and tracking methods for MAR (Takeshi Kurada)

11:00-11:30 Coffee Break

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

11:30-12:00 Information model for LAE in MAR (Kwan-Hee Yoo)
12:00-12:30 IoT and MAR (Gerry Kim)

12:30-13:30 Lunch

13:30-14:00 Vision of webizing (Heedong Ko and Byounghyun Yoo)
14:00-14:30 Multiuser telepresence and MAR (Gerry J. Kim)
14:30-15:00 Metadata representation for outdoor context-aware MAR services (Woontack Woo)

15:00-15:30 Coffee Break

15:30-16:00 Mobile VR representation model (Myeong Won Lee)
16:00-16:30 Visualization and interface data for virtual training systems (Myeong Won Lee)
16:30-17:00 3D printing and virtual reality in tactile map for the blind (ChungWeon Oh)

### Session 4: SIGAR Korea Proposals (Chair: Gerry J. Kim)

17:00-17:30 Standards for Procam calibration method (Joohaeng Lee, invited)
17:30-18:00 Measurement and metadata representation for size perception in MAR system (Howon Kim and Namgyu Kim)