

2017-06-07

Metaverse Working Group

Agenda & Meeting Minutes

Date: June 7, 2017

Time: 2:00 PM EST / 11:00 AM PST

Location: BlueJeans - <https://bluejeans.com/133355606>

Agenda

1. **Introductions** for first time attendees
 - Chris Collins, University of Cincinnati
 - Gurcharan Khanna, Brown University
2. **ScienceNode Articles Featuring VR/AR & MWG Members**
 - All the World's a (Virtual) Stage - <https://sciencenode.org/feature/all-the-worlds-a-virtual-stage.php>
 - Virtual Reality Kindles a New Way to Learn - <https://sciencenode.org/feature/virtual-reality-brings-real-advantages--and--real-challenges.php>
 - Hand in Hand Into the Metaverse - <https://sciencenode.org/feature/plunging-into-the-metaverse-.php>
3. **Virtual NOC Collaborative Project**
 - Collaborative project to develop a "virtual reality NOC" as a proof-of-concept to visualize network traffic and possibly develop a virtual "command and control" center.
 - Current Status: Conference call with the GlobalNOC on May 31, 2017 to gauge interest, most involved in the discussion have not yet tried modern VR
 - Next Steps: Select potential dates for in-person meeting hosted at GlobalNOC in Indianapolis to demo VR and discuss project scope
 - Possible participants:
 - Internet2
 - GlobalNOC (IN)
 - KINBER (PA)
 - OARNet (OH)
 - UCSIM
 - Your institution?
4. **Hardware & Software News**
 - Apple announced VR support at WWDC 2017 (finally!) - <https://www.theverge.com/2017/6/5/15743274/apple-external-gpu-vr-development-macos-high-sierra-wwdc-2017>
 - New iMac and iMac Pro will be VR ready out of the box
 - External GPU dev kit (available now) should allow VR with MacBook
 - High Sierra macOS update will include VR developer features, and Metal2 will natively support Unity, Unreal Engine, and SteamVR SDK
 - HTC Vive continues to have availability issues with hardware accessories
 - Trackers are currently sold out (again) 😞 - <https://www.vive.com/us/vive-tracker/>
 - Deluxe audio strap sold out in one day 😞 - <https://www.digitaltrends.com/computing/htc-sells-out-vive-deluxe-audio-strap/>
 - Google announces standalone Daydream VR hardware - <http://www.pcworld.com/article/3197426/data-center-cloud/googles-standalone-vr-and-vps-address-the-clutter-and-clumsiness-of-virtual-reality.html>
5. **Metaverse Working Group VR Jam - June 21, 2017 2:00 PM (EDT)**
 - Next VR Jam test platform: AltSpaceVR - <https://altvr.com/>
 - Event URL: <https://account.altvr.com/events/695430999063921531>
 - Works with a variety of VR devices:
 - HTC Vive
 - Oculus Rift
 - Samsung GearVR
 - Google DayDream
 - 2D mode for PC (Not Mac compatible)
6. **Open Discussion/Announcements**
 - Other news? Announcements? Discussion items?