 

IEEE P802.21 Media Independent Services

Minutes of the IEEE P802.21 Working Group (DCN 21-19-0017-00-0000)

Session #89 Meeting, St. Louis, Missouri, USA

Chair: Subir Das

Vice Chair: Hyeong Ho Lee

Meeting minutes are scribed by Hyeong Ho Lee

# Day 1 PM1 (1:30pm-3:30pm), January 14, 2019: Room Grand Suite #1 (2nd Floor)

## IEEE 802.21 WG Opening Plenary: Meeting is called to order at 1:30pm by Subir Das, Chair of IEEE 802.21 WG with opening notes

## January, 2019 Meeting Agenda (DCN: 21-18-0079-01-0000)

### Agenda bashing:

#### The agenda was approved without any objections.

## IEEE 802.21 Session #89 Opening Plenary Notes (21-19-0006-00-0000)

### Meeting logistics: Meeting room Grand Suite #1; 802.19 TAG: Gateway 4; 802.11 WNG: Archview Ballroom; 802.15 WNG: Ballpark 2/3; 802.24 TAG: Grand Suite #1

### <http://mentor.ieee.org/802.21/documents>

### Attendance procedures, logistics, breaks: useful website <http://ieee802.linespeed.io/>

### Duty to inform slides 1-4, etc.

### Request to make Intellectual Property declaration.

#### No one declared any patent claims in this session.

### LMSC Chair’s Guidelines on Commercialism at meetings.

## Working Group Status

### IEEE 802.21/Cor1 Standard was published in 2018.

### ISO/IEC/JTC1 SC6 published three IEEE 802.21 Standards in 2018.

### Study Group on ‘Network Enablers for Seamless HMD based VR Content Service’ was approved in November, 2018.

* + - * + Dongil Dillon Seo will Chair the SG.

## Working Group Objectives for January meeting

### Study Group Sessions

### Presentations to other WGs and TAGs

### PAR/CSD Discussion

## Session #88 minutes (DCN: 21-18-0077-00-0000) was approved without any objections.

## Two teleconference minutes (DCN: 21-19-0001-00-0000, 21-19-0007-00-0000) were approved without any objections.

## Hyeong Ho Lee presented a summary of Study Group (SG) Guidelines (DCN: 21-19-0008-00-0000) that includes task of SG and roles of the SG Chair.

## WG approved Dongil Dillon Seo as the SG chair by unanimous consent.

## WG chair mentioned that he will update WG webpage and create SG subfolder on the Mentor system.

## Plan for SG on Network Enablers for Seamless HMD based VR Content Service

* + - * + SG chair presented VR SG meeting plan (DCN: 21-19-0001-0000), and it will be updated at the SG opening session.
        + IEEE 802.11 RTA TIG invited the SG Chair, Dongil Dillon Seo on PM1 Wednesday.
        + Vinaygam Mariappan’s presentation will be on AM1 (09:00-10:00) Wednesday.

## WG meeting Agenda will be revised according the above discussion, and will be uploaded as DCN 21-18-0079-02-0000.

## WG Chair gave the EC opening meeting updates (DCN: ec-19-0002-00-00EC, ec-19-0003-00-00EC).

* + - * + NENDICA meeting will be on 7:30pm Tuesday. The main discussions this week will be about on Factory IoT (wireless). NENDICA already published the Data Center Network report.
        + IEEE 802.19 WG will discuss some co-existence issues this week. Sub 1 GHz co-existence for 802.11 and 802.15 will be covered.
        + IEEE 802.24 WG will discuss the low latency communications white paper (TSN - Time Sensitive Network).

## Meeting was recessed at 2:45pm.

# Day 4 AM2 (10:30am-12:30pm), January 17, 2019: Room Grand Suite #1 (2nd Floor)

## 802.21 WG Closing Plenary: Meeting is called to order at 10:32am by Subir Das, Chair of IEEE 802.21 WG

## The agenda was revised and uploaded as DCN 21-18-0079-03-0000.

## Study Group Report

* + - * + SG Chair, Dongil Dillon Seo, presented the SG report (DCN: 21-19-0015-01-0000).
        + SG on Network Enablers for seamless HMD based VR Content Service had four sessions and also presented its plan and objectives in IEEE 802.19 WG, IEEE 802.15 WNG, 802.11 WNG & RTA TIG, and IEEE 802.24 TAG.
        + The SG meeting minutes is in DCN 21-19-0016-00-0000.
        + The SG action items are to:
  + continue to reach out to IEEE 802.1 and 802.3 WGs during March Plenary.
  + follow up with IEEE 802.11 RTA TIG and 802.15 WNG.
  + start drafting the scopes for CSD/PAR.
    - * + Teleconference schedule
  + February 15, 2019: EST 07:30 AM ~ 08:30 AM
  + March 7, 2019: EST 07:30 AM ~ 08:30 AM

## IEEE 802.21 Session #89 Closing Plenary Report (DCN: 21-19-0014-00-0000)

## Work Update

* + - * + Study Group Guideline
  + https://mentor.ieee.org/802.21/dcn/19/21-19-0008-00-0000-summary-of-study-group-guidelines.ppt
    - * + WG confirmed Dillon Seo as the Study Group Chair
        + Study group presented its plan and objectives to the following wireless Sessions:
  + 802.11 WNG and 802.11 RTA TIG
  + 802.15 WNG
  + 802.19 WG Opening Plenary
  + 802.24 TAG Opening Plenary
    - * + Study Group report:
  + <https://mentor.ieee.org/802.21/dcn/19/21-19-0015-01-0000-vr-sg-meeting-summary.pptx>

## Teleconferences

* + - * + Friday, February 15, 2019, 7:30-8:30am, US EST (9:30-10:30 pm, JST/KST)
        + Thursday, March 07, 2019, 7:30-8:30 am, US EST (9:30-10:30 pm, JST/KST)

## WG Motion (None)

## March 2019 Plenary Logistics

### IEEE 802 Plenary Meeting: Sunday, March 10th to Friday, March 15th, 2019

* + Meeting Venue: Hyatt Regency and Fairmont Hotel Vancouver BC
  + Event and Registration Information: <https://www.regonline.com/builder/site/?eventid=2549534>

### Registration Fees and Deadlines

* + Standard Registration: Before 6:00 PM PST, Friday, February 01, 2019
    - $US 500.00 for attendees at the conference hotel (>= 1 night) otherwise $US800.00
  + Before 6:00 PM PST, Friday March 01, 2019
    - $US 600.00 for attendees at the conference hotel (>= 1 nights) otherwise $US900.00
  + Late/On-site registration: After 6:00 PM PST Friday, March 01, 2019
    - $US 800.00 for attendees at the conference hotel (>= 1 nights) otherwise $US1100.00

### Hotel Room Rates:

* + 239 CAD/Night \* Plus applicable taxes \*per night\*
  + Single/Double Occupancy rooms, Internet access included.
  + Room block dates: Available March 06-16(Fairmont)/06-17(Hyatt), 2019
  + Additional Adults $CAN 35.00 (Hyatt)/30.00(Fairmont) per person, per night, plus applicable taxes
  + Group cut off dates: 5:00pm, February 13(Fairmont)/15(Hyatt), 2019

### If visa is required, please visit: http://www.cic.gc.ca/english/visit/visas.asp

## Future Sessions – 2019

### Plenary: March 10-15, 2019, Hyatt Regency Vancouver and Fairmont Hotel Vancouver, Vancouver, Canada

* + Co-located with all 802 groups

### Interim: May 12-17, 2019, Grand Hyatt Atlanta in Buckhead, Atlanta, Georgia, USA

* + Co-located with all wireless groups

### Plenary: July 14-19, 2019, Austria Congress Centre, Vienna, Austria

* + Co-located with all 802 groups

### Interim: September 15-20, 2019 - Marriott Hanoi, Hanoi Vietnam (TBC)

* + Co-located with all 802 wireless groups

### Plenary: November 10-15, 2019, Hilton Waikoloa Village, Kona, HI, USA,

* + Co-located with all 802 groups

## The meeting was adjourned at 11:11am

# Attendance

|  |  |
| --- | --- |
| Chang Sooyoung | SYCA |
| Das Subir | Perspectra Labs |
| Jeong Sangkwon Peter | JoyFun Inc. |
| Lee Hyeong Ho | Netvision Telecom Inc. |
| Mariappan Vinayagam | SNUST |
| Seo Dongil Dillon | VoleR Creative |