VSF- VidTrans20 - Delivering the Benefits of IP for Media Production, Annual Conference & Exposition

Monday, February 24, 2020

3:00-5:00PM
Pre-Conference Tutorial: RIST – A Breakthrough for Internet Media Transport
Catalina Room
Wes Simpson – Telecom Product Consulting

7:30AM Continental Breakfast – Bayview Room Foyer

8:30AM Session 1 Begins – Bayview Room (Richard Friedel - Welcome & Brad Gilmer – Moderator)

1] **NMOS – What is it and why should I care?**
Jed Deame - Nextera Video

2] **Update on new compression standards -- EVC, VVC, AV1**
Matthew Goldman - MediaKind

3] **Proposal for Programmatic Configuration of Media Devices with NETCONF/YANG**
Thomas Edwards - Disney

10:00AM   Break, 45 Minutes in Exhibit Hall (California Ballroom)

Exhibits Open 10:00AM – 7:00PM

4] **Bit-Rate Evaluation of Compressed HDR using SL-HDR1**
Ciro Noronha, Ph.D. – Cobalt Digital

5] **Time Distribution over WAN for ATSC 3.0 Single Frequency Networks**
Magnus Danielson – Net Insight

11:45AM   Get-Together Luncheon in Exhibit Hall

1:15PM Session 2 Begins – Bayview Room

1] **Panel Discussion: Progress Report: Broadcast Virtualization for On- and Off-Premises Workflows**
Moderator: *Andy Rayner- Nevion*
Participants*: Claire Southey – AWS, John Mailhot – Imagine Communications, Tomer Schechter – TAG, Michael Bergeron- Panasonic*

2:15PM   Break, 45 Minutes in Exhibit Hall

2] **Live TS over IP Live Lesson Learned**
Adi Rozenberg - VideoFlow

3] **The 2110 Audio Muddle – Managing Mono Audio inside Multi-Channel Streams**
John Mailhot – Imagine Communications

4] **Dynamic Media System Architecture - Creating Truly Dynamic Media Facilities**
Brad Gilmer – Gilmer & Associates

4:45PM   Session Adjourn

Tuesday Reception – Exhibit Hall 5:30-7:00PM

Wednesday, February 26, 2020

7:30AM Continental Breakfast – Bayview Room Foyer

8:15AM Session 3 Begins – Bayview Room

1] **Native IP Decoding MPEG-TS Video to Uncompressed IP (and Vice versa) on COTS Hardware**
Kieran Kunhya – Open Broadcast Systems

2] **Media Platform Automation**
Steven Soenens – Skyline Communications

3] **IP Production - Matters of Space and Time**
Andy Rayner – Nevion.

10:00AM   Break, 45 Minutes in Exhibit Hall

Exhibits Open 10:00AM – 6:00PM

4] **High Throughput JPEG 2000 for Entertainment Imaging**
Mike Smith – Wavelet Consulting LLC

5] **Unlocking the Value of Media Over IP: Networked PTP Time Delivery**
Richard Hoptroff - Hoptroff London Ltd

Note: *VSF Membership Meeting (Bayview Room) 11:45AM – 12:15PM*

11:45AM   Get-Together Luncheon in Exhibit Hall

1:15PM Session 4 Begins – Bayview Room

1] **Panel Discussion: ST2110 Becomes Mainstream: Successes and Ongoing Challenges**
Moderator: *Andy Rayner- Nevion*
Participants: *John Mailhot – Imagine Communications, Karl Paulson – Diversified, Robert Welch - Arista,*

2:15PM   Break, 45 Minutes in Exhibit Hall

2] **Texas AM University IP Production Case Study**
Zack Bacon – TAMU & Anup Mehta - Cisco

3] **Carrying Media Essence Long Distance - ST2110 over WAN – Activity Group update**
Andy Rayner – Nevion

4] **Using Free Desktop Tools to Work with SMPTE 2110**
Emir Onat - Fox

4:30PM   Session Adjourn

Reception – Exhibit Hall 4:30-6:00PM

Thursday, February 27, 2020

7:30AM Continental Breakfast – Bayview Room Foyer

8:00AM Session 5 Begins - Bayview Room

1]   **Machine Learning Driven Variable Frame-Rate for Production and Broadcast Applications**
Benoît Le Ludec – b-com
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2]   **Panel Discussion: Reliable Internet Stream Transport "RIST"**
Moderator: *Rick Ackermans - MVA Broadcast Consulting*
Participants: *Sergio Ammirata – DVEO, Paul Atwell - Media Transport Solutions, Ciro Noronha - Cobalt Digital & Adi Rozenberg – VideoFlow*

3]   **SMPTE 2110 Diagnostic and Monitoring in Real-time Encoding Systems**
Jovo Miskin – Synamedia

Break – Take when needed

4]   **XR - P2MP Coherent Optical Subcarrier Aggregation Technology**
Antti Kankkunen - Infinera

5]   **JPEG-XS Activity Group Update**
John Dale – Media Links

6]   **Testing Sessions Updates**
 Jack Douglass – PacketStorm

7]   **IPMX: A profile for Pro AV**
Andrew Starks – Macnica

11:30AM   Meeting Adjourn

Note: RIST Demonstration between Multiple Vendors in the Exhibit Hall.

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2/19/2020