

## Toronto March 2022

**T**he Toronto Section's virtual meeting on 8 March focused on more areas in the virtual production space. Three presenters were invited to share their perspectives on the virtual production industry.

Kari Grubin, project director for SMPTE's Rapid Industry Solution (RIS) On Set Virtual Production (OSVP) initiative, gave the first presentation. Grubin provided an overview of the initiative and how this new model allows space for SMPTE to better serve its constituents in the future. She focused on what you should know about the SMPTE RIS OSVP initiative. She outlined the timelines of the initiatives and where they plan to focus on workflows to use a common set of terminology to share information about OSVP.

Andrew Riley, a solutions architect for Grass Valley, presented challenges and solutions for cloud-based broadcast productions. He discussed how hybrid working conditions created a more productive situation during the COVID lockdown. With production crew travel times eliminated by utilizing remote cloud production, more production content could be accomplished in the same timeframes as pre-COVID productions. Effective remote technical support is critical



for managing any issues that arise and providing a production experience comparable to in-studio pre-COVID production work.

Edward Hanrahan, director, virtual production at William F. White International Inc., gave an excellent overview of how the current LED Virtual Production stages are configured. He showed examples of stages in Vancouver and Toronto where William F. White is integral to most virtual production environment setup and operation. Hanrahan outlined details and issues with LED walls, such as screen sync, environment, camera tracking, and unreal engine interface with the LED wall and camera.

The entire meeting, with 55 attendees, lasted just over 98 minutes and can be viewed on the SMPTE Toronto Section's YouTube channel at: <https://youtu.be/DPumtgORE5w>. The SMPTE Toronto Section has been recording and posting most of its monthly meetings on YouTube since 2014, and our

channel can be found at: <https://bit.ly/3wnC7cK>.

—Silvino Almeida, *Manager-at-Large*



## Toronto April 2022

The Toronto Section's virtual meeting on 12 April reviewed the most recent SMPTE, Video Services Forum (VSF), and Advanced Media Workflow Association (AMWA). Due to the COVID restrictions, the 45 attendees met remotely.

SMPTE's Director of Standards and Development, Thomas Bause Mason, discussed how technology evolves, the current scenario, and the challenges for SMPTE. He described the steps involved in developing standards as well as the initiatives that SMPTE is pursuing for the next-generation standards. RIS, Public Committee Draft (PCD), SMPTE GitHub repository, and free standards initiative are among the initiatives aimed at improving access and adoption.

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Leigh Whitcomb, architect from Imagine Communication and SMPTE 32NF co-chair, detailed the SMPTE process for creating standards from the draft, as well as the new tools used to manipulate the standard evolution. He presented the actual stage for standards SMPTE ST 2110, ST 2059/PTP, ST 2120, and trust boundaries.

Félix Poulin, director of Media Architecture and Laboratory, Canadian Broadcasting Corp. (CBC), and member of the international standardization organizations such as SMPTE, AMWA, VSF, and the North American Broadcasters Association (NABA), presented the latest Network Media Open Specifications (NMOS) from AMWA as well as the results from the March workshop. He described the ambition of NMOS to become more than just a traffic protocol, but also to cover operational

**More threads about Virtual Production**

**'Thank You to our Presenters'**



*Thomas Bause  
Mason*



*Leigh  
Whitcomb*



*Félix  
Poulin*



*John  
Mailhot*



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John Mailhot, VSF director, chief technology officer, and director of product management at Imagine Communication, discussed VSF an international association of service providers, users, and manufacturers dedicated to interoperability, quality

metrics, and education for video networking technologies. He presented the latest for TR-07, TR-08, TR-09, and TR-10 (IPMX).

*—Peter Armstrong,  
Promotions Advisor*



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