



Workshop on Professional Media Production on the Web

8-19 November 2021
Opening Remarks

<https://www.w3.org/2021/03/media-production-workshop/>

Logistics



Thanks for adding your affiliation next to your name in Zoom:
e.g. *François Daoust (W3C) (he/him)*



Live English Captioning



No recording
Transcript and report will be published



Use "Raise hand" feature on Zoom to queue



Please mute yourself when you're not speaking!



Side live channels:
- Slido to collect questions: <https://app.sli.do/event/yzxwp4gt>
- #media-production channel in W3C Community Slack



Code of Ethics and Professional Conduct

The workshop operates under **W3C's Code of Ethics and Professional Conduct:**

<https://www.w3.org/Consortium/cepc/>

- Respect, professionalism, fairness, and sensitivity.
- No harassment, no bullying.
- No discrimination on any basis.
- Constructive dialog. No insult.

We all share responsibility for our work environment.

About W3C & SMPTE



- Standards setting body for the **Web**
- 420+ **members**, incl. most key players in ICT, Web
- Key foundational principles:
 - Interoperability
 - Openness
 - Royalty-free patent policy



- Standards setting body for **motion-imaging content** consumed by billions of viewers worldwide.
- **Global society** of media professionals, technologists and engineers collaborating for the advancement of all things technical in the motion picture, television and digital media industries

Workshop Goals

- Connect web platform and professional media production communities
- Explore evolutions of the Web platform to address professional media production requirements
 - Using Web technologies for professional media production use cases
 - Understand the unique performance and format requirements of professional media production workflows
 - Identify gaps in the web platform and standardization opportunities

Standardization

Option 1: Do nothing

- No concrete work item or no agreement
- Already addressed in a Working Group

Option 2: Refine scope in an Interest Group

- Requirements still need to be clarified
- Roadmap still needs discussion
- Effort needs coordination of different groups

Option 3: Provide input to a Working Group

- Clear need, in scope of an existing group
- Input will help prioritize features

Option 4: Incubate idea, e.g. in a Community Group

- Technical problem is understood but solution space still needs to be explored
- No general agreement in the room to go beyond that for now

Option 5: Create a Working Group or Add spec to a Working Group

- Technical problem is understood, solution space has been explored
- There is agreement in the room to develop a W3C or a SMPTE standard

Workshop Chairs & Program Committee

- **Pierre-Anthony Lemieux**
(Sandflow Consulting, supported by
MovieLabs)
- **Chris Needham**
(BBC)
- **Paul Adenot**
(Mozilla)
- **James Cain**
(Grass Valley)
- **Hongchan Choi**
(Google)
- **Steve Cronan**
(5th Kind)
- **Chris Cunningham**
(Google)
- **François Daoust**
(W3C)
- **Bruce Devlin**
(SMPTE)
- **Qiang Fu**
(Bilibili)
- **Jim Helman**
(MovieLabs)
- **Paul Randall**
(AVID)
- **Steve Shapiro**
(The Walt Disney Studios)
- **Kevin Streeter**
(Adobe)
- **Ke Wu**
(Tencent Video)
- **Song Xu**
(China Mobile Migu)

Thank you! 🙏🏻 🙌🏻

Workshop Speakers

- Paul Adenot
(Mozilla)
- Soeren Balko
(Clipchamp)
- Patrick Brosset
(Microsoft)
- Junyue Cao
(ByteDance)
- Hongchan Choi
(Google)
- Steve Cronan
(5th Kind)
- Chris Cunningham
(Google)
- Bruce Devlin
(SMPTE)
- Julian Fernandez-Campon
(Tedral)
- Qiang Fu
(Bilibili)
- Sergio Garcia Murillo
(Cosmo Software)
- Ed Gray
(AVID)
- Max Grosse
(Disney Research)
- Sacha Guddoy
(Grabyo)
- Christoph Guttandin
- Ulf Hammarqvist
(Soundtrap/Spotify)
- Pierre-Anthony Lemieux
(Sandflow Consulting, MovieLabs)
- James Pearce
(Grass Valley)
- Peter Salomonsen
- Oleg Sidorkin
(Bluescape)
- Kevin Streeter
(Adobe)
- He Zhi
(MIGU - China Mobile)

Thank you! 🙏 🙌

Overall schedule

Live session 1

What

WebCodecs
Web Audio
Media synchronization

When

Monday 15 November
4pm UTC - 90mn

Live session 2

What

WebRTC
WebAssembly
File system integration

When

Tuesday 16 November
11pm UTC - 90mn

Live session 3

What

Metadata
Architecture
(privacy, accessibility, etc.)
Standardization roadmap

When

Friday 19 November
3pm UTC - **90mn**

Workshop Sponsor

