

**SIPREC**  
**Conference Recording**  
(draft-kyzivat-siprec-webconf-use-case-00)

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Authors: Michael Yan, Paul Kyzivat

# Conference Recording Current Status

SIPREC already supports this (sort of):

- Can represent a session with multiple participants
- Can show the switching/mixing of the audio/video
  - Which participant(s) are sending the media that others (usually all) are receiving

So, what's the problem?

# Conference Recording

## What's missing?

Conferences include more than audio/video:

- Messaging
- Document sharing
- Application/screen sharing
- Polling/voting
- Context for playback (layout)

# Conference Recording Messaging

- We want to see MSRP supported
  - It fits with SIP session paradigm
  - Should fit in SIPREC easily
- XMPP is harder
  - Separate session initiation
  - Correlation harder
  - Is there interest (and expertise) around this?
  - Can we rely on STOX for this?

# Conference Recording

## Document Sharing

- Could record the sharing as video
  - This provides the pacing and correlates with the other media
  - Need new metadata to identify the role of this media stream?
- Is that enough?
  - Is there some other media format that can capture the display of a document?
- Capture the actual document as part of the recording?

# Conference Recording Application/Screen Sharing

- Could record the sharing as video
  - Need new metadata to identify the role of this media stream?
- Is there a better way?

# Conference Recording

## Polling/voting

- Are there any standards that can be built upon for this?
- Capture the question and the results as metadata
- Capture the discussion via the other media

# Conference Recording

## Context for playback (layout)

- Retrieval/playback of recordings is out of scope for SIPREC
  - Not proposing to change that
- But need enough info in the recording to support playback
  - What is the significance of each media stream?
  - E.g., Current speaker video vs. presentation video
- May need more to support playback from viewpoint of a particular participant:
  - How did the participant originally arrange for viewing?



# Conference Recording

## Next Steps

- Are there alternate views of how to approach this?
- What is the level of interest?
  - Who would contribute?
  - Who would review?
- Shall we consider a recharter to cover this?