

**7th International Symposium on Live Subtitling and Accessibility**  
**Universitat Autònoma de Barcelona**  
**5-6 November 2020 (online)**

**KEYNOTE**

**“Real Time Communication Accessibility: User Needs and Requirements”**

Joshue O Connor (W3C/WAI)

VIDEO PRESENTATION [https://youtu.be/ipuC\\_Mpv68Q](https://youtu.be/ipuC_Mpv68Q)

**ABSTRACT**

Accessible telecommunication technology is increasingly important for people who are working, playing or studying remotely and relying on real-time communication (RTC) for their daily needs. Web Real-time communications (WebRTC) is a series of protocols that support quick direct browser-to-browser transfer of call (and other data). This transfer is nearly instantaneous with very small degrees of latency and is considered a robust way of supporting peer-to-peer based communication.

WebRTC technologies can enable better video/audio calls, instant messaging text chat, file exchange, internet relay chat, as well as support captioning and subtitling (in conjunction with various HTML 5 APIs).

Joshue O Connor (W3C/WAI) will present (via video) his research on [RTC Accessibility User Requirements](#), which outlines some of the challenges faced by people with disabilities in this space, as well as indicating user needs and potential requirements. Comments and suggestions for improvement welcome!