

## **Technical Specs and Tips**

To ensure your conference is a smooth and enjoyable experience, we have created some tips to help you optimize internet bandwidth and make the most of your computer's processing power. Please also take a moment to look at the technical specs for speakers below the tips.

### **Use the best Internet connection you can.**

In general, wired connections are better than WiFi connections, and WiFi connections are better than cellular (3G/4G/LTE) connections.

Plan ahead and, if possible, join from a location where you can access a fast, reliable, wired connection.

### **Mute your microphone when you're not speaking.**

When your microphone is on, xDigital devotes part of your connection to an audio stream, even if you aren't speaking. Mute your microphone whenever you don't need it and xDigital will use your connection more effectively.

### **Stop your webcam video when you don't need it.**

Start your video only when you need to and stop it whenever it isn't required.

### **Close any unused applications on your computer.**

xDigital meetings can demand significant memory and processing power from your computer. Closing other applications during the session will help XDigital run better.

### **Avoid activities that will steal bandwidth.**

Don't start any bandwidth-intensive activities immediately prior to, or during, the meeting. Avoid large downloads, uploads, streaming, cloud backups, cloud file synchronizations and other high bandwidth activities.

### **Speaker Microphone Prerequisites**

- Built-in microphone, USB microphone or inline microphone on headphones
- Speaker or headphones

### **System Requirements**

- Internet connection - broadband wired or wireless (3G or 4G/LTE)
- Speaker and microphone - built-in, USB or wireless Bluetooth
- Webcam or HD webcam - built-in or USB

### **Supported Operating Systems**

- MacOS X with macOS 10.7 or later
- Windows 10, 8.1, 8, 7
- Red Hat Enterprise Linux 6.4 or higher
- iOS 7.0 or later
- iPadOS 13 or later
- Android 4.0x or later

Note: Devices running Windows 10 must use Windows 10 Home, Pro or Enterprise. S Mode is not supported.

#### **Browsers**

- **Windows:** Edge 12+, IE 11+, Firefox 27+, Chrome 30+
- **Mac:** Safari 7+, Firefox 27+, Chrome 30+
- **Linux:** Firefox 27+, Chrome 30+

#### **RAM Requirements**

- Processor: Dual Core 2Ghz or higher (i3/i5/i7 or AMD equivalent)
- RAM: 4GB

#### **Supported tablet and mobile devices**

- Surface PRO 2 or higher running Win 8.1 or higher
- iOS and Android devices

**SPEEDTEST allows you to check the speed of your current connection.**

<https://www.speedtest.net/>

#### **Recommended bandwidth for Symposia attendees**

- For screen sharing with video thumbnail: 50-150kbps (down)