What to Bring

<u>Laptop</u> If you own a laptop please bring it along.
If you don't have a laptop, email Jamie to let her know as soon as possible, so we can see about providing you with a computer to use for the workshop.
If you don't have a working microphone & built-in camera in your laptop please let us know.

NB VERY IMPORTANT Please email sheila as soon as possible to tell us your Laptop's platform (Mac or PC) **and operating system** (eg on a Mac 10.6,8 10.7.2 etc, on a PC*, Windows 7 etc)
*Although the Windows version of Isadora will allow participants to try out most of the same functions as Mac users, PC users will not be able to access all the functions covered in the workshop, due to some third party software limitations, since connecting a PC with the Wii bluetooth device requires an alternative 3rd party software (such as 'GlovePie') which will not be taught in this workshop. If participants have an Android smartphone, they will be able to use that as a controller instead, by connecting to Isadora with the TouchOSC app via WiFi, available on iTunes.

<u>Temporary Licenses</u>   As a courtesy, Mark Coniglio (the creator of Isadora) supports jamie's workshops by offering participants a free temporary full license for the workshop, which expires at the end of the calendar month. We need your computer information to pre-order this temporary Isadora license for you. This license is provided as a courtesy only and is not to be considered part of the workshop fee. If we encounter any problem with installing the temporary license on your personal equipment, you will be able to do the workshop on the fully working demo version of the software instead. The only difference is that you the demo version does not allow you to save your files. In this case, Jamie will provide you with a saved copy of her own isadora file at the end of each day.

<u>USEFUL ITEMS (optional)</u>

<u>USB thumb drive</u>

<u>Video Monitor (output) Adaptor</u> (<u>optional)</u>: If you have an adaptor for your laptop that allows you to connect to a second monitor or video projector, please bring it with you.
Mac requires an adaptor specific to your laptop model. If you want to connect to a video projector you will need to bring your own adaptor to connect to a VGA cable. We supply the VGA cable, so you only need the adaptor.
PC Most PC laptops have built in VGA outputs, in which case an adaptor is not needed.

External USB web camera

Other external cameras (many require a digitizer as well, in order to connect to the computer.)

Wii controllers or other bluetooth **game devices** (PlayStation, Nintendo etc)

Smartphone, iPod, iPad, Android tablets

What to Prepare

EXAMPLE DIGITAL MEDIA FILES
Isadora provides the new user with a folder containing a selection of video and audio files that can be used for the workshop. These are the same files that are used in the software manual tutorial examples. However if you are familiar with video file formats and compressions, and prefer to use your own media you should read the following...

PREPARE SOME VIDEO CLIPS
CODEC
Recommended compression codec for video files is the Photo jpeg compression codec.
If your files are HD (large raw camera files) it would be good to downsize them to half or a quarter of their native size. You can check your file formats easily in Quicktime 7 software using the Movie Inspector from the drop-down menu.
FILE DIMENSIONS (RESOLUTION)
If you have a Pro license for Quicktime 7, you can export to different file formats easily as well as easily reducing file sizes.   Eg. 1920x1080 becomes 960x540 pixels at half size, or 480x270 at quarter size. Whatever your native size is, just half or quarter the dimensions when you export them to PhotoJpeg compression movie files.
FRAMES PER SECOND
If you are using North American camera equipment, your video files will likely be 30 frames per second (fps) although on HD cameras 24 fps is also a common cinema shooting mode. 25 fps is used for PAL cameras in Europe. Some cameras allow you to shoot at double the standard frame rates for slow motion effects NTSC 60 fps or PAL 50 fps.
When you resize your clips you can just leave the frames per second the same but change the dimensions.
Feel free to email jamie if you need more advice about this before the workshop.

PREPARE SOME AUDIO CLIPS Wave, aiff or mp3 files will all work, however mp3 files are technically a movie file format so ifyou only have mp3 files available, it would be good to convert some of them to aiff or wave files. (keep your mp3 files, but export a second copy in the other format)

ISADORA ONLINE TUTORIALS BY MARK CONIGLIO (optional)
http://www.youtube.com/troikatronix
If you feel like studying Isadora before the workshop, there are some simple tutorials at troikatronix that provide a structured basic introduction to the software. We will cover similar material in the workshop, but will not use these tutorials directly, so they are a nice way to get familiar with some of the topics beforehand, if you have time to do so.

USEFUL LINKS

www.jamiegriffiths.com/isadoraworkshop
http://www.jamiegriffiths.com/art--interactive-technology/
http://spacestudios.org.uk/whats-on/courses/interactive-arts-with-isadora-software