

Tutorial #1 (Friday, October 9, 9:00–10:15 am)

### **Ultrasound Imaging**

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Ultrasound provides a safe, non-invasive way to observe actions inside the body. In linguistics it is used primarily to observe tongue movement and this workshop will introduce basic ultrasound techniques focusing on tongue imaging. We will cover setting up for and recording ultrasound images as well as an introduction to extracting and annotating images. Participants should prepare by downloading the free *Image-J* software program ( <http://imagej.nih.gov/ij/download.html> ) and also the zip file of images from <https://www.dropbox.com/sh/dn2i7lw2imb5513/AADg9tepp-Ct52O0aT0RzRvHa?dl=0&s=sl>. Participants are asked to bring a laptop with the program and images loaded on it to the tutorial.