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Vector-based stimuli, data plots and graphs: An interactive workshop

In psycholinguistics and other experimental branches we are often in need of well-designed and controlled stimuli to show our participants. I will demonstrate how vector graphics are a nice alternative here, because they provide a flexible solution, where sub-parts can easily be altered and re-used. I will give an introduction to the open-source program Inkscape, a powerful and free tool for all operating systems. I will teach you how photos can be traced to get more "neutral" representations of objects or events and how to make templates that can easily be manipulated across dimensions like size/color/number to be used in different paradigms. We will see how vector-graphics can be used in graphs supporting academic publications and data plots, for which I will provide examples from my own work (e.g., a Markov plot or experimental procedure schema). Finally, I will give you the chance to try the program for yourself or ask questions in relation to your own projects or other areas of application. The workshop is directed towards experimental linguists or anyone interested in design. Knowing the vector-based approach is helpful for all kinds of graphical representation.

Participants can simply attend the workshop and listen, but I advise you to bring **your own laptop** so you can directly try it out during the workshop. A computer mouse is also nicer than touchpad, but this is not a necessity. Please install Inkscape beforehand, the latest version can be found here: https://inkscape.org/