

**Abstract**

Machine Translation dates back to the 1940s and rose in popularity in the mid-1990s with the advent of the World Wide Web. However, we know little about how people use machine translation in their lives. I will present a brief history of machine translation, followed by some state of the art results. To what extent do algorithmic measurements correlate with end-user satisfaction? I will then cover recent ethnographic and systems research on how well machine translation currently serves its users, followed by opportunities for translation studies to inform the development of future human + machine translation systems.

**Bio/100 words**

Daniel J. Liebling (he/him) is Staff Engineering Manager at Google Research in Seattle. He leads a team of scientists and engineers investing in human language technologies such as speech recognition and machine translation. Prior to joining Google, Dan worked on human-computer interaction and search engines at Microsoft Research. He is the co-author of over 40 publications and 15 patents. Dan holds a M.S. in Computer Science and Engineering from the Paul G. Allen School of Computer Science at University of Washington and a B.S. in Engineering and Applied Science from Caltech, where he studied computational neuroscience.