



Seminar:

The Human Factors of AI in Healthcare: Where are we now and where are we going?



Speaker:

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10:00AM PT

AI has the potential for greatly improving healthcare. Much has been said about the benefits of AI for healthcare related to patient outcomes, surveillance, safety, and improved decision making. This presentation will examine some of the challenges and opportunities for AI in healthcare, taking a human factors perspective. Historically a number of issues around adoption of AI have been encountered in relation to human factors (e.g. how to practically integrate AI technologies into healthcare settings and clinical practice). Human factors issues have included issues around interaction design, usability, and how to integrate AI into clinical workflow. This presentation will explore human factors approaches for considering type of AI applications in relation to modes of user-computer interaction and user needs. It will be argued there is a need for new methods for analyzing AI-human interaction, including extending classic HCI laboratory-based studies to new types of studies.

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