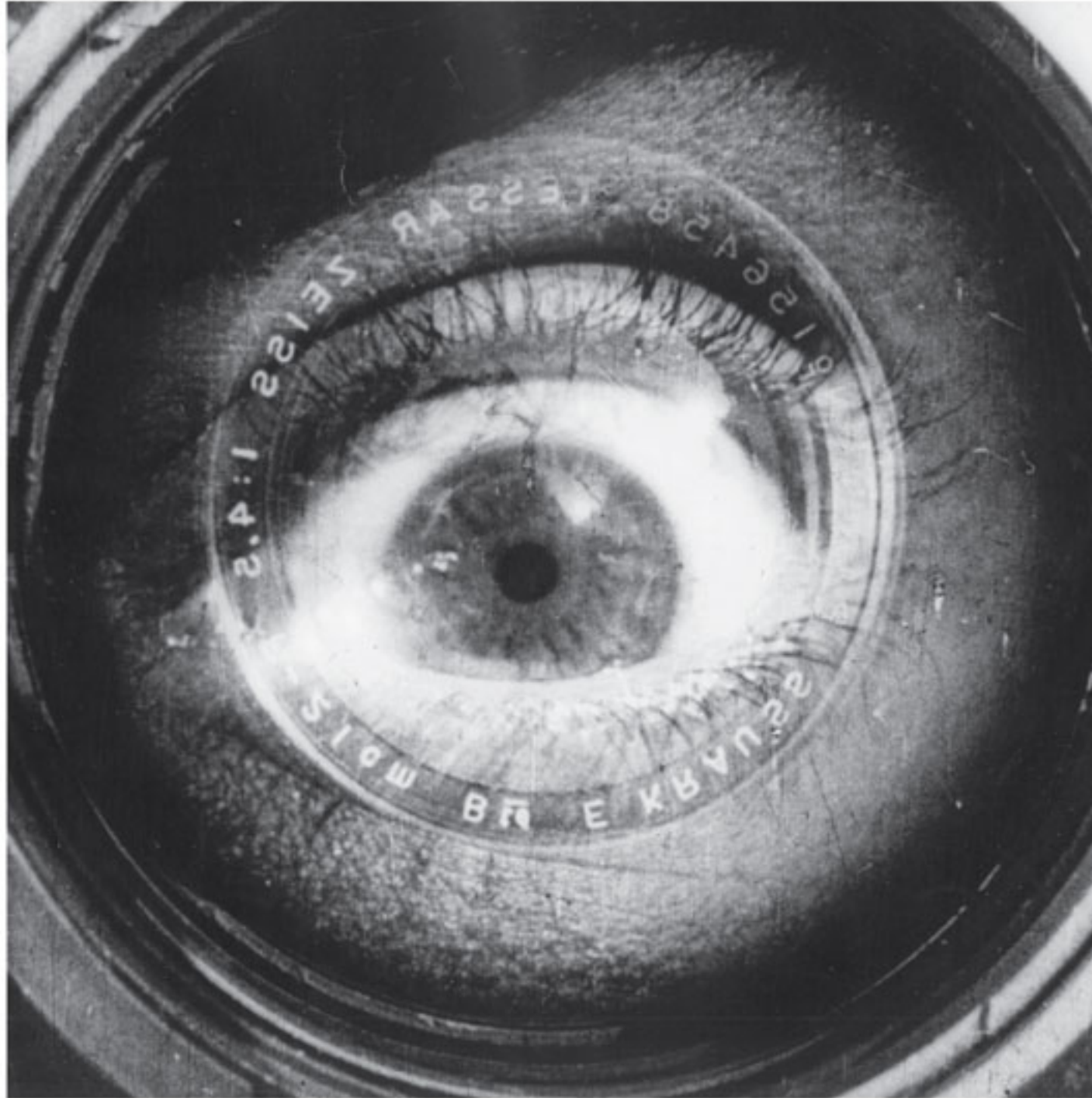


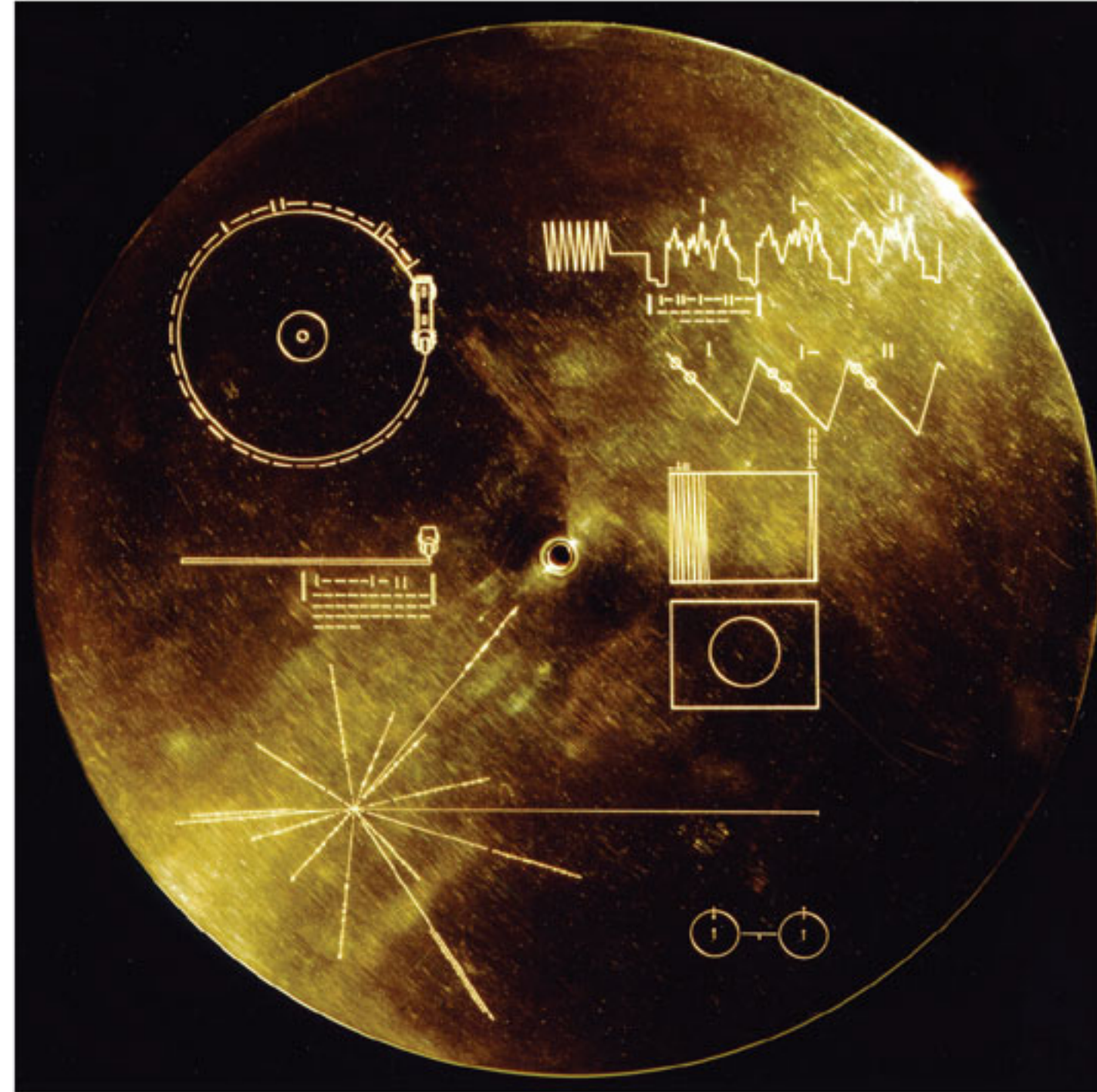
Instructor: Zachary Furste  
Wednesday 10am–1:50pm  
SCI 207

# CTCS 494

## Radical Machines: Experiments in 20th-Century Media



As mobile devices, high-speed data, and social networks reconfigure our practices of perceiving ourselves and the world around us, we are left wondering whether we knew anything, in the words of German theorist Friedrich Kittler, “before media provided us with models and metaphors.”



Yet, this sea change in mediated living hardly began with Instagram, Youtube, or Snapchat. In fact, 20th-century technologies—**radio, telephony, phonography, film, television, audiotape, and analog synthesis**—transformed understandings of time, space, community, and history.



“Radical Machines” considers how artists, technologists, and renegades pushed these machines beyond their limits. The seminar will examine how—on the most practical, physical level—these historical media function. More broadly, we’ll discover how this very material of media inflects the “models and metaphors” we use to understand our existence as humans among machines.