

1125-B1-2584 **Tamara B Veenstra*** (tamara_veenstra@redlands.edu). *Alan Turing and his Contributions to Cryptology*. Preliminary report.

The movie “Imitation Game” attempted to give audiences some historical information about the life of Alan Turing and the work he conducted in cryptology during World War II. However, the depiction of his work in this field was lacking in depth and technical details. This talk will present a more technical description of some his mathematical ideas related to breaking the enigma machine as well as a broader introduction to the different areas of his work during this time. (Received September 20, 2016)