1127-47-125 **Derek Thompson*** (`theycallmedt@gmail.com`). *Complex symmetric composition operators on the Hardy Space.*

An operator is complex symmetric if there exists a conjugate-linear, isometric involution J such that $T^* = JTJ$. The investigation into which composition operators and weighted composition operators have this property began in 2011 with a paper by Hammond and Garcia, after which very few unweighted examples were found. Through work by the speaker, Narayan, Sievewright and others, we show that if φ is linear-fractional, then there are exactly three cases when C_φ is complex symmetric. We conclude with suggested avenues for further study. (Received January 29, 2017)