1110-11-168 **Jennifer Berg*** (jberg@math.utexas.edu), **Francesca Balestrieri** (balestrieri@maths.ox.ac.uk), **Michelle Manes** (mmanes@math.hawaii.edu), **Jennifer Park** (jennifer.park2@mcgill.ca) and **Bianca Viray** (bviray@math.washington.edu). *Insufficiency of the Brauer-Manin obstruction for Enriques surfaces.*

Let X be a smooth projective variety over a global field k. In 1970, Manin showed the the Brauer group of X could obstruct the existence of k-rational points. In this talk, we discuss results that show that the Brauer-Manin obstruction is insufficient to explain all failures of the Hasse principle for Enriques surfaces. This extends work of Varilly-Alvarado and Viray from 2011, in which the authors constructed an Enriques surface X over the rationals with an etale-Brauer obstruction to the Hasse principle, but no algebraic Brauer-Manin obstruction. (Received February 19, 2015)