1116-35-428	**Andrew Lawrie*** (`alawrie@math.berkeley.edu`). *Wave maps with large data.*
We begin with a survey of some recent results on energy critical wave maps from Minkowski space emphasizing the effect of the geometry of the target manifold on dynamics and the special role played by finite energy harmonic maps. Then we consider equivariant wave maps from the hyperbolic plane into rotationally symmetric targets and discuss new phenomena that arise in this model problem due to the hyperbolic geometry of the domain. This is joint work with Sung-Jin Oh and Sohrab Shahshahani. (Received August 31, 2015)