1176-57-366   **Aliakbar Daemi***, adaemi@wustl.edu, and **S. Michael Miller Eismeier**. *Instanton homology for rational homology spheres.* Preliminary report.

I will discuss some difficulties with the definition of instanton Floer homology for general 3-manifolds and how the issues can be resolved in the case of rational homology spheres. (Received January 26, 2022)