

*Matt Baker*

Georgia Institute of Technology

**A Survey of Unlikely Intersections in Algebraic Dynamics**

I will discuss some analogies between questions in arithmetic geometry, such as the Zilber-Pink and Andre-Oort conjectures, and questions in complex dynamics like simultaneous preperiodicity and the Baker-DeMarco "dynamical Andre-Oort conjecture". I will attempt to survey what is known on the dynamical side and discuss some of the main ideas which go into the proofs.